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Ingenieur

BAND 6:

Eisenbahnmaschinenwesen

MÜNCHEN UND BERLIN
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EISENBAHNMASCHINENWESEN

In sechs Sprachen:

Deutsch, Englisch, Französisch, Russisch, Italienisch, Spanisch

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des Vereines für Eisenbahnkunde, des Vereines Deutscher Maschineningenieure, beide zu Berlin
und von
Dipl.-Ing. August Boshart

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Eisenbahnbau und Eisenbahnbetrieb

(Band 5 der I. T. W.)

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Vorwort.

Mit dem Inhalte des vorliegenden Bandes ist die sprachliche Bearbeitung der gesamten Eisenbahntechnik innerhalb des Rahmens der „Illustrierten Technischen Wörterbücher" zum Abschlusse gebracht. Neben der eingehenden Behandlung aller auf das rollende Material der Eisenbahnen bezüglichen Ausdrücke ist auch der Unterhaltung der Betriebsmittel in dem Kapitel „Eisenbahnwerkstätten" ein kurzer Abschnitt gewidmet, indem dort die wichtigsten Spezialmaschinen und Arbeitsmethoden erwähnt sind. Von einer ausführlichen Bearbeitung der Werkzeugmaschinen mußte im Hinblicke auf den eisenbahntechnischen Charakter des Werkes Abstand genommen werden. Es konnte dies um so leichter geschehen, als die einschlägigen Gebiete mit allen Einzelheiten in dem in kurzem erscheinenden Bande „Werkzeugmaschinen" der I. T. W. behandelt sind. In ähnlicher Weise hat die Rücksicht auf sachgemäße Beschränkung des Stoffes die Redaktion veranlaßt, jene Zweige der Dampferzeugung und Dampfverwertung, die für den allgemeinen Dampfkessel- und Dampfmaschinenbau von Bedeutung sind, ferner die Materialprüfung und die ins einzelne gehende Darstellung der Maschinenelemente hier auszuschalten. Für ein eingehenderes Studium dieser Fachzweige muß auf die Bände III „Dampfkessel, Dampfmaschinen und

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Dampfturbinen" und I „Die Maschinenelemente" hingewiesen werden. Nach denselben Grundsätzen ist auch die Bearbeitung der Betriebsmittel elektrischer Bahnen unter Berücksichtigung des Bandes II „Elektrotechnik" vorgenommen worden.

Die allgemeinen Gesichtspunkte für die Bearbeitung der Eisenbahntechnik, die in dem Vorworte zum Bande V „Eisenbahnbau und Betrieb" dargelegt sind, sind auch bei der Bearbeitung dieses Bandes in sinngemäßer Weise maßgebend gewesen. Die zahlreichen Schwierigkeiten, die sich der Bearbeitung dieses Gebietes entgegenstellten, konnten auch hier nur dank der außerordentlich großzügigen und opferwilligen Unterstützung der maßgebenden Fachkreise aller Länder überwunden werden. Wie bei dem Bande „Eisenbahnbau und -Betrieb", haben neben dem „Verein für Eisenbahnkunde", dem „Verein Deutscher Maschineningenieure" und dem Belgischen Eisenbahnministerium viele hervorragende Fachleute und eine große Anzahl der bedeutendsten Firmen die Arbeiten der Redaktion in weitgehendem Maße gefördert, worüber die beigegebene Mitarbeiterliste Auskunft gibt.

Besonderen Dank schulde ich in gleichem Maße wie bei Band V auch bei diesem Bande Herrn Dipl.-Ing. August Boshart für die redaktionelle Bearbeitung des gesamten Stoffes, ferner den Herren Ingenieuren Edgar Charlier-Desmet, Pietro Contin, Douglas J. Cruickshank, Wetscheslaw Dobrotworsky, Victor Ruelens, Benvenuto Tavolato und Alexander Trettler, sowie Herrn Dipl.-Ing. W. Weißbach, Berlin, der auch hier wieder die Bearbeitung des auf elektrische Bahnen bezüglichen Abschnittes übernommen hat.

Die genaue Feststellung einer Reihe von Ausdrücken war nur durch persönliche Fühlungnahme mit den einzelnen Mitarbeitern möglich und machte wiederholte Reisen ins Ausland notwendig. Die hierzu, wie zur Erfüllung der zahlreichen von fachmännischer Seite

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I.

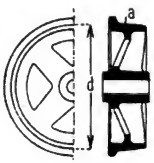
Allgemeines
General Parts
Généralités

Общая часть
Generalità
Generalidades

Laufwerk
Running Gear
Appareil de roulement

Ходовыя части
Apparecchio di scorrimento *o* rotolamento 1
Aparato de rodadura

1. Räder und Achsen
Wheels and Axles
Roues et essieux



Колёса и оси
Ruote ed assi 2
Ruedas y ejes

Rad (n)
wheel
roue (f)

колесо (n)
ruota (f) 3
rueda (f)

Raddurchmesser (m)
diameter of wheel
diamètre (m) de la roue

d

діаметръ (m) колеса
diametro (m) della ruota 4
diámetro (m) de la rueda

Radumfang (m)
circumference of wheel
[longueur (f) de la] circonférence (f) de la roue

$d \cdot \pi$

окружность (f) колеса
circonferenza (f) della ruota 5
periferia (f) *ó* circunferencia (f) de la rueda

Lauffläche (f), Laufkranz (m)
tread
surface (f) de roulement

поверхность (f) катанія *или* каченія
superficie (f) di rotolamento 6
superficie (f) de rodadura

---

kegelförmige Lauffläche (f)
conical tread
surface (f) de roulement conique

a

коническая поверхность (f) катанія *или* каченія
superficie (f) conica di rotolamento 7
superficie (f) de rodadura cónica

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walzenförmige *oder* zylindrische Lauffläche (f)
1 cylindrical *or* straight (A) tread
surface (f) de roulement cylindrique

a

цилиндрическая поверхность (f) катания *или* качения
superficie (f) cilindrica di rotolamento
superficie (f) de rodadura cilindrica

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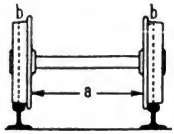
lichter Abstand (m) der Räder
2 distance between tyres, gauge of tyres
écartement (m) intérieur des bandages



a

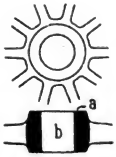
расстояние (n) между колёсами
distanza (f) interna fra i cerchioni, scartamento (m) fra le ruote
distancia (f) interior entre aros

Laufkreis (m)
3 tread circle
cercle (m) de roulement

b

кругъ (m) катания *или* качения
superficie (f) di rotolamento
círculo (m) de rodadura *ó* de contacto

Radnabe (f)
4 wheel boss *or* nave, hub (A)
moyeu (m) de roue



ступица (f) колеса
mozzo (m) della ruota
cubo (m) de la rueda

Stirnfläche (f) der Nabe
face *or* cheek of boss *or*
5 nave, face of hub (A)
face (f) extérieure du moyeu

a

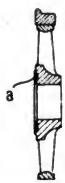
лицевая поверхность (f) ступицы
guancia (f) del mozzo
cara (f) interior del cubo

Nabenbohrung (f)
6 bore of boss *or* nave
alésage (m) du moyeu

b

отверстіе (n) ступицы
alesatura (f) del mozzo
taladrado (m) (alisado) interior del cubo

Nabenfutter (n)
7 hub liner
garniture (f) intérieure du moyeu



a

ступичная втулка (f)
guarnizione (f) del mozzo
guarnición (f) del cubo

Spurkranz (m)
flange, wheel flange
8 boudin (m) *ou* mentonnet (m) *ou* bourrelet (m) [de roue]

a

реборда (f) *или* гребень (m) бандажа
orletto (m) *o* bordino (m) della ruota
pestaña (f) *ó* bordón (m) de la rueda

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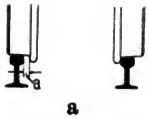
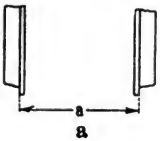
Spielraum (m) der Spurkränze
play *or* clearance between flange and rail
jeu (m) des boudins



зазоръ (m) между ребордой и рельсомъ; возможная игра (f) ребордъ
giuoco (m) dell'orletto
huelgo (m) *ó* juego (m) de las pestañas *ó* de los bordones

1

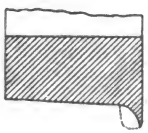
Radsatzspur (f)
wheel gauge *or* gage (A)
écartement (m) entre les faces intérieures des boudins



разстояніе (n) между наружными гранями ребордъ бандажа
scartamento (m) tra i bordini [cerchioni]
distancia (f) entre las caras interiores de los bordones

2

scharfgelaufener Spurkranz (m)
flange worn sharp, knife edge
boudin (m) aminci par l'usure



реборда (f) колеса, обострившаяся вслѣдствіе износа; изношенный гребень (m)
orletto (m) del cerchione consumato
pestaña (f) adelgazada, bordón (m) adelgazado

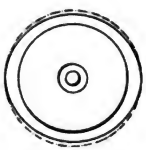
3

Scharflaufen (n) des Spurkranzes
sharpening of the flange
amincissement (m) du boudin

износъ (m) реборды бандажа
usura (f) dell'orletto del cerchione
adelgazamiento (m) de la pestaña

4

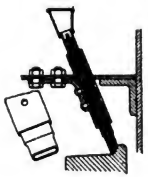
Unrundlaufen (n) des Rades
running out of true of wheels
ovalisation (f) de la roue par le roulement



колёса (n pl) теряютъ круглую форму
ovalizzazione (f) della ruota
ovalamiento (m) de las ruedas por el desgaste

5

Spurkranzschmierung (f)
flange lubrication
graissage (m) du boudin



смазка (f) реборды бандажа
lubrificazione (f) dell'orletto
engrase (m) *ó* lubricación (f) de la pestaña

6

Schmierpatrone (f)
lubrication cartridge
cartouche (f) de graissage

смазочный *или* смазывающій патронъ (m)
cartuccia (f) di lubrificazione
cartucho (m) de engrase

7

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1 doppelflanschiges Rad (n)
double flanged wheel, wheel with U-shaped *or* double flange, channel wheel (A)
roue (f) à deux boudins

двухребордное колесо (n); колесо съ двумя ребордами
ruota (f) a gola *od* a due bordini
rueda (f) acanalada *ó* de dos pestañas

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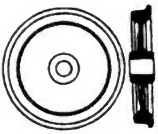
2 Vollrad (n)
solid wheel
roue (f) pleine d'une seule pièce



цѣльное колесо (n)
ruota (f) piena *od* a disco pieno
rueda (f) maciza de una sola pieza

---

3 Schalengußrad (n), Hartgußrad (n)
chilled cast iron wheel, Griffin wheel
roue (f) fondue en coquille, roue (f) en fonte trempée, roue (f) Griffin

чугунное колесо (n), отлитое въ формѣ *или* въ изложницѣ; колесо, отлитое изъ отбѣлённаго *или* изъ закалённаго чугуна
ruota (f) di ghisa dura
rueda (f) de fundición dura *ó* en moldes

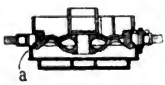
---

4 Wellrippe (f)
curved rib *or* spoke
nervure (f) ondulée

волнистое ребро (n)
nervatura (f) ondulata
nervio (m) ondulado

---

5 Gußschale (f), [Kokille (f)]
chill-mould, wheel chill (A)
coquille (f) de fonderie



изложница (f)
conchiglia (f) di fonderia *o* per la fusione
caja (f) *ó* molde (m) para fundir

---

6 Reifenrad (n)
wheel with separate tyre *or* tire (A)
roue (f) à bandage

колесо (n) съ бандажомъ
ruota (f) a cerchione
rueda (f) con aro

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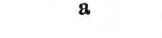
7 Radreifen (m)
tyre, tire (A)
bandage (m) de roue



бандажъ (m) *или* шина (f) колеса
cerchione (m) della ruota
aro (m) de rueda

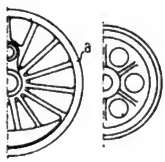
---

8 Reifenbreite (f)
width of tyre
largeur (f) du bandage

ширина (f) бандажа *или* шины
larghezza (f) *o* spessore (m) del cerchione
ancho (m) del aro

---

9 Radstern (m), Radkörper (m)
wheel centre *or* body
centre (m) de roue à rayons, corps (m) de roue à rayons



колёсный центръ (m); остовъ (m) колеса
corpo (m) della ruota
centro (m) de rueda de rayos

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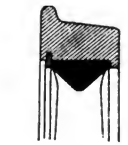
Radkranz (m), Radfelge (f), Unterreifen (m)
rim
jante (f) de roue



ободъ (m) [колеса]
corona (f) della ruota
llanta (f) de rueda

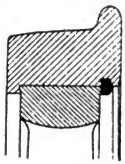
1

dreieckiger Radkranz (m)
triangular rim
jante (f) triangulaire

треугольный ободъ (m)
corona (f) triangolare
llanta (f) triangular

2

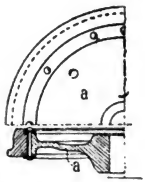
abgerundeter Radkranz (m)
wheel rim rounded off on inside
jante (f) à profil bombé



ободъ (m) дугообразнаго профиля; ободъ съ профилемъ, очерченнымъ по дугѣ
corona (f) a profilo arcuato
llanta (f) bombeada

3

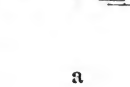
Scheibenrad (n)
disc *or* single plate (A) wheel
roue (f) à toile *ou* á centre plein



дисковое колесо (n)
ruota (f) a disco
rueda (f) de plato

4

Radscheibe (f), Scheibenstern (m)
plate centre, solid wheel centre
corps (m) *ou* centre (m) de roue à toile, toile (f) de roue



дискъ (m) колеса; дисковый центръ (m)
disco (m) della ruota
plato (m) de rueda

5

Flußstahlscheibenrad (n)
mild steel disc *or* single plate (A) wheel
roue (f) pleine en acier moulé

дисковое колесо (n) изъ литой стали
ruota (f) a disco in acciaio omogeneo
rueda (f) de plato de acero

6

doppelwandiges Rad (n), Doppelscheibenrad (n)
double plate *or* double webbed wheel, hollow cast wheel
roue (f) à double paroi *ou* toile *ou* à corps évidé

колесо (n) съ двойными стѣнками
ruota (f) a doppia parete
rueda (f) de doble pared, rueda (f) de cuerpo ó centro ó plato vaciado

7

gewalzte Radscheibe (f)
rolled disc wheel centre
corps (m) de roue laminé, centre (m) de roue laminé, toile (f) laminée

прокатной дисковый центръ (m); вальцованный дискъ (m) колеса
disco (m) laminato
plato (m) ó cuerpo (m) ó centro (m) de rueda laminado

8

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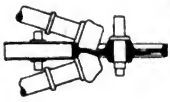
Scheibenwalzwerk (n)
disc wheel rolling mill
1 laminoir (m) pour centres *ou* corps de roues



дископрокатный станъ (m) *или* станокъ (m)
laminatoio (m) per dischi
laminador (m) de platos *ó* para cuerpos *ó* de centros de rueda

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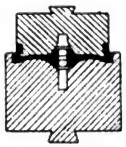
gepreßter Scheibenstern (m)
2 pressed wheel centre
toile (f) de roue matricée, centre (m) de roue matricé



прессованный дисковый центръ (m)
stella (f) di razze stampata
centro (m) *ó* cuerpo (m) de rueda estampado *ó* taladrado con matriz

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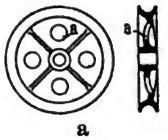
Aussparung (f) im Scheibensterne
opening in disc wheel centre
3 évidement (m) du centre *ou* corps *ou* de la toile de roue



вырѣзъ (m) въ дисковомъ центрѣ
finestra (f) nel disco di ruota
vaciado (m) *ó* agujereado (m) del cuerpo *ó* centro de la rueda

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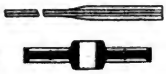
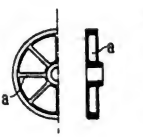
Wickelscheibenrad (n)
rolled *or* coiled disc wheel
4 roue (f) à toile (formée de bandes) enroulée(s)



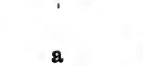
дисковое колесо (n) изъ навернутой въ видѣ спирали полосы
ruota (f) a disco curvato
rueda (f) con plato arrollado *ó* bobinado

Rippenscheibenrad (n)
ribbed disc wheel centre
5 roue (f) avec toile à nervures



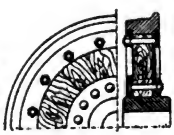
ребристое дисковое колесо (n); дисковое колесо съ рёбрами
ruota (f) a disco con nervature
rueda (f) de plato con nervios

Speichenrippe (f)
6 spoke rib
nervure (f)



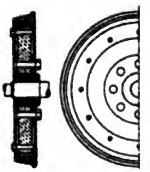
ребро (n) спицы; ребро-спица (f)
nervatura (f) della ruota
nervio (m) del radio

Holzscheibenrad (n), Mansellrad (n)
7 wheel with wood centre, Mansell wheel
roue (f) à plateau *ou* centre en bois



деревянное дисковое колесо (n); колесо съ дискомъ изъ дерева; колесо Манселя
ruota (f) a disco di legno
rueda (f) con plato de madera

Papierscheibenrad (n)
wheel with paper maché centre (Allen's
8 wheel)
roue (f) à plateau *ou* centre en papier



бумажное дисковое колесо (n); дисковое колесо изъ бумажной массы
ruota (f) a disco di cartapesta
rueda (f) con plato de papel

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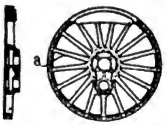
Blechscheibenrad (n)
plate disc wheel
roue (f) à centre *ou* corps *ou* plateau en tôle

дисковое колесо (n) *или* колесо съ дискомъ изъ листового желѣза
ruota (f) a disco in lamiera
rueda (f) con plato de chapa *1*

Doppelscheibenrad (n)
double disc wheel
roue (f) à double disque *ou* à double centre

двойное дисковое колесо (n); колесо съ двойнымъ дискомъ
ruota (f) a disco doppio
rueda (f) de doble disco *2*

Speichenrad (n)
spoke wheel
roue (f) à rayons *ou* à bras



колесо (n) со спицами
ruota (f) a razze
rueda (f) de rayos *3*

Speichenstern (m)
spoke centre, spider, wheel centre with spokes
corps (m) *ou* centre (m) de roue à rayons *ou* à bras

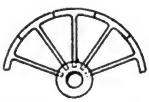
центръ (m) изъ спицъ; центръ со спицами
stella (f) di razze
cuerpo (m) *ó* centro (m) de rueda de rayos *4*

Speiche (f)
spoke
rayon (m), bras (m)

a

спица (f)
razza (f)
rayo (m) *5*

T-förmiger Speichenteil (m)
T-headed spoke
partie (f) en T du rayon



T-образная часть (f) [спицы]
parte (f) di razza a forma di T
parte (f) en forma de T del rayo *6*

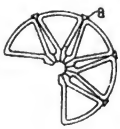
Doppelspeiche (f)
double spoke
rayon (m) double

двойныя спицы (f pl)
razza (f) doppia
rayo (m) doble *7*

I-förmige Speiche (f)
I-spoke, spoke of I-shape
rayon (m) en I

I-образная спица (f)
razza (f) a I
rayo (m) en forma I (de doble T) *8*

zusammengebogene Radspeiche (f)
bent spoke, Kirtley's rolled spoke
rayon (m) plié



спица (f) изъ согнутаго ребра
razza (f) ripiegata
rayo (m) cimbreado *ó* arqueado *9*

Felgenkeil (m)
rim wedge
coin (m) de jante

a

клинъ (m) обода
cuneo (m) della corona
cuña (f) de llanta *10*

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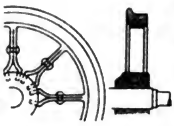
1 in die Nabe eingegossene Speichen (f pl)
spokes cast into the boss *or* hub (A)
moyeu (m) coulé aux extrémités des rayons

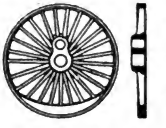


спицы (f pl), залитыя въ ступицу
razze (f pl) incastrate a caldo nel mozzo
cubo (m) colado en las extremidades de los rayos

2 Radsternschweißung (f)
welding of wheel centre
soudure (f) du corps de roue

сварка (f) центра
saldatura (f) a caldo della stella di razze
soldadura (f) del centro *ó* cuerpo de la rueda

3 Stahlformgußrad (n)
cast steel wheel centre
roue (f) en acier moulé



литое стальное колесо (n)
ruota (f) in acciaio gettato
rueda (f) de acero fundido

4 hohle Speiche (f)
hollow spoke
rayon (m) creux

полая *или* пустотѣлая спица (f)
razza (f) cava
rayo (m) hueco

5 hohler Radkranz (m)
hollow rim
jante (f) creuse

полый *или* пустотѣлый ободъ (m)
corona (f) cava di ruota
llanta (f) hueca

a

6 geschlitzter Radkranz (m)
split *or* segment rim
jante (f) fendue

колёсный ободъ (m) съ прорѣзами
corona (f) di ruota con fenditure *o* tagliata
llanta (f) cortada

7 Holzeinlage (f)
wood cushion
jante (f) en bois rapportée

деревянная прокладка (f)
guarnizione (f) in legno
llanta (f) de madera añadida

a

8 nahtlos gepreßtes Speichenrad (n)
seamless pressed spoke wheel
roue (f) à rayons matricée, roue (f) à rayons emboutie sans soudure

штампованное безъ швовъ колесо (n) со спицами
ruota (f) a razze stampata in un sol pezzo
rueda (f) de rayos matrizada *ó* estampada sin soldadura

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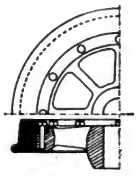
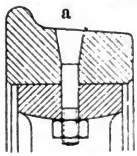
Reifensicherung (f), Reifenbefestigung (f)
tyre fastening
fixation (f) du bandage

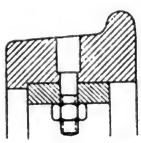
Wandern (n) des Radreifens, Verdrehung (f) des Radreifens
creeping of the tyre
déplacement (m) du bandage (sur la jante)



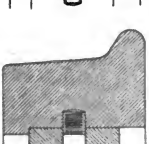
vereinzelte Radreifenbefestigung (f)
tyre fastening by bolts
fixation (f) du bandage en divers points



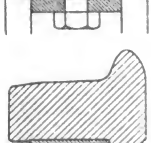
durchgehende Schraube (f)
through bolt, bolt through tyre
boulon (m) traversant [le bandage et la jante]



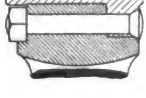
kegelförmig abgesetzter Bolzen (m)
conical headed bolt
boulon (m) à tête conique noyée *ou* fraisée



zylindrisch abgesetzter Bolzen (m)
cylindrical headed bolt
boulon (m) à tête cylindrique noyée *ou* fraisée



Kopfschraube (f)
set screw, sap bolt
broche (f) filetée



Querbolzenverbindung (f)
cross bolt *or* transverse bolt fastening
boulonnage (m) latéral, assemblage (m) par boulons latéraux

укрѣпленіе (n) шины *или* бандажа на ободѣ
fissazione (f) del cerchione
fijación (f) del aro — *1*

сдвигъ (m) шины *или* бандажа
spostamento (m) *o* scorrimento (m) del cerchione
resbalamiento (m) del aro — *2*

укрѣпленіе (n) шины не кольцевое; укрѣпленіе бандажа болтами
fissazione (f) singola del cerchione
fijación (f) del aro en diversos puntos — *3*

сквозной болтъ (m)
chiavarda (f) passante
tornillo-pasador (m) — *4*

болтъ (m) съ конической головкой
chiavarda (f) con testa conica
perno (m) de cabeza cónica — *5*

болтъ (m) съ цилиндрической головкой
chiavarda (f) con testa cilindrica
perno (m) de cabeza cilíndrica avellanada — *6*

винтъ (m) съ головкой; шурупъ (m)
vite (f) prigioniera a testa
tornillo (m) con cabeza — *7*

скрѣпленіе (n) поперечными болтами
fissazione (f) con chiavarde trasversali
atornillado (m) transversal, fijación (f) *o* sujeción (f) por tornillos transversales — *8*

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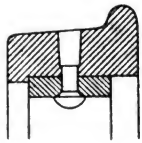
1

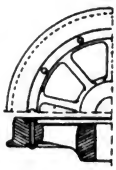
durchgehendes Niet (n)
through rivet
rivet (m) traversant [le bandage et la jante]



сквозная заклёпка (f)
perno (m) ribadito
remache (m) pasante

2

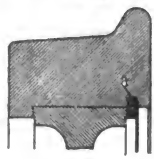
umlaufende Radreifenbefestigung (f)
retaining ring fastening
circular tyre fastening
fixation (f) par bagues du bandage



кольцевое укрѣпленіе (n) колёсныхъ бандажей *или* шинъ
fissazione (f) circolare del cerchione
fijación (f) por cerco del aro

3

Sprengring (m)
spring ring
bague (f) de retenue, agrafe (f) circulaire

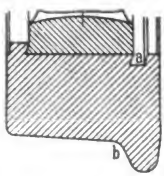


a

скрѣпляющее *или* закрѣпляющее *или* укрѣпляющее *или* крѣпительное кольцо (n)
cerchietto (m) di sicurezza
cerco-grapa (m) de sujeción

4

Sprengringnut (f)
retaining ring groove
rainure (f) de fixation *ou* d'agrafage



a

b

желобокъ (m) *или* заточка (f) *или* проточка (f) для укрѣпляющаго кольца
scanalatura (f) per il cerchietto di sicurezza
ranura (f) de fijación

5

Hohlkehle (f) des Radreifens, Spurkranzkehle (f)
throat of flange
congé (m) du bandage

b

шейка (f) шины *или* бандажа
gola (f) del cerchione
garganta (f) del aro

6

den Sprengring einhämmern (v)
to hammer in the spring ring
introduire (v) le cercle de retenue à coups de marteau

вбить *или* вколотить крѣпительное кольцо
martellare (v) il cerchio di ritenuta
engastar (v) el cerco de sujeción con el martillo

7

den Sprengring einwalzen (v)
to roll *or* expand in the retaining ring
introduire (v) le cercle de retenue au laminoir

ввальцевать крѣпительное кольцо
laminare (v) il cerchio di ritenuta
engastar (v) el cerco de sujeción con el laminador

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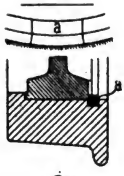
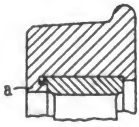


Schlußkeil (m)
locking key
coin (m) de calage

замыкающій клинъ (m)
cuneo (m) di chiusura
cuña (f) de aprieto

1

a



Ansatz (m) am Radreifen
lip on tyre
talon (m) du bandage

выступъ (m) бандажа
risalto (m) del cerchione della ruota
talón (m) del aro

2

a

Klammerring (m)
retaining ring
bague (f) *ou* cercle (m) de retenue à agrafe, bague (f) d'agrafage

кольцо (n) скобообразнаго сѣченія
anello (m) di sicurezza ad uncino *od* a graffa
cerco (n) de sujeción con grapa

3

a

---

einseitiger Klammerring (m)
retaining ring on one side
bague (f) *ou* cercle (m) de retenue d'un seul côté

одностороннее кольцо (n) скобообразнаго сѣченія
cerchietto (m) di sicurezza unilaterale
cerco (m) de sujeción unilateral

4

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doppelseitige Klammerringe (m pl)
retaining rings on both sides
bague (f) *ou* cercle (m) de retenue des deux côtés

двустороннее кольцо (n) скобообразнаго сѣченія
cerchietto (m) di sicurezza bilaterale
cerco (m) de sujeción bilateral

5

Klammerring (m) mit einfachem Übergriff, Mansell-Klammerring (m)
Mansell retaining ring with single flange
bague (f) *ou* cercle (m) de retenue Mansell *ou* à simple agrafage

кольцо (n) Манзеля съ одиночнымъ защѣпомъ
cerchietto (m) di sicurezza Mansell *od* a semplice uncino *o* graffa
cerco (m) de sujeción de Mansell *ó* de simple grapa

6

Doppelklammerring(m), Klammerring (m) mit doppeltem Übergriff
double-lip retaining ring (A), U-shaped ring, retaining ring of channel section
bague (f) *ou* cercle (r de retenue double à double agrafage

кольцо (n) съ двумя защѣпами
cerchietto (m) di sicurezza doppio *od* a doppio uncino *o* graffa
cerco (m) de sujeción doble *ó* con doble grapa

7

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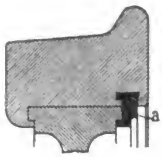
Schließringbefestigung (f)
Carleton-Stroudley
1 fastening, ring tyre fastening
fixation (f) par simple agrafage du cercle



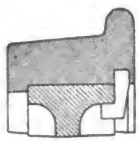
укрѣпленіе (n) посредствомъ замыкающаго кольца
fissazione (f) dell'anello di chiusura
fijación (f) del cerco (por simple grapa)

Schließring (m)
2 safety ring, lock ring
bague (f) *ou* cercle (m) de simple agrafage

a

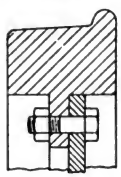
замыкающее кольцо (n)
anello (m) di chiusura
cerco (m) de sujeción

Einzelklammer (f)
3 single retaining strip *or* glut
agrafe (f) simple



отдѣльный защѣпъ (m)
uncino (m) semplice
grapa (f) sencilla

Radreifenbefestigung (f) durch Flanschenverschraubung
4 fixing the tyre by means of a bolted flange
fixation (f) du bandage par bride boulonnée

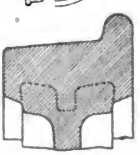


укрѣпленіе (n) бандажа посредствомъ фланцевъ и болтовъ
attacco (m) del cerchione con flangie e chiavarde
sujeción (f) del aro por brida atornillada

in den Reifen gegossenes Rad (n)
5 wheel centre cast into tyre
roue (f) coulée dans le bandage

колесо (n) съ дискомъ, задитымъ въ бандажъ *или* въ шину
ruota (f) colata nel cerchione
rueda (f) fundida en el aro

aufgeschweißter Reifen (m)
6 tyre welded on to rim
bandage (m) soudé sur la jante



наварной бандажъ (m)
cerchione (m) saldato sulla corona
aro (m) soldado al fuego sobre la llanta

mit dem Reifen zusammengeschmolzener Radstern (m)
7 wheel centre fused to tyre
centre (m) de roue coulé d'une pièce avec le bandage

центръ (m) колеса, отлитый за-одно съ бандажомъ
stella (f) di ruota fusa assieme alla corona
cuerpo (m) de la rueda fundido en una sola pieza con el aro

den Radreifen aufziehen (v)
8 to put the tyre on
embattre (v) *ou* embatre (v) le bandage

насаживать *или* натягивать бандажи
montar (v) il cerchione, mettere (v) il cerchione
montar (v) el aro

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den Radreifen aufschrumpfen (v)
to shrink on the tyre
poser (v) le bandage avec contraction par le refroidissement

закрѣпить бандажъ силою сжатія [при охлажденіи]; надѣть бандажъ въ горячемъ состояніи
martellare (v) il cerchio sulla ruota
montar (v) el aro con contracción al enfriamiento

Schrumpfmaß (n)
shrinkage
(grandeur (f) du) retrait (m)

усадка (f); величина (f) натяга
misura (f) di restringimento del tiro *o* tiraggio
importancia (f) de la contracción

---

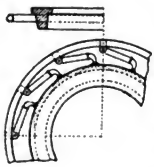
den Radreifen abziehen (v)
to take the tyre off
démonter (v) *ou* désembatre (v) le bandage

снимать бандажи
smontare (v) il cerchione, togliere (v) il cerchione
desmontar (v) el aro

---

den Radreifen erneuern (v)
to re-tyre
renouveler (v) le bandage

смѣнить бандажъ
rinovare (v) il cerchio alla ruota
montar (v) un aro nuevo



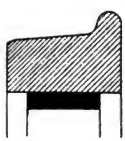
Radreifenerwärmung (f)
tyre-heating
chauffage (m) du bandage

нагрѣваніе (n) бандажа
riscaldamento (m) del cerchione
calentado (m) del aro

---

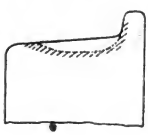
den Radreifen überdrehen (v) *oder* abdrehen (v)
to turn [off] the tyre (in the lathe)
tourner (v) le bandage, rafraîchir (v) le bandage au tour

обточить бандажъ
ritornire (v) il cerchione
tornear (v) de nuevo el aro



voll *oder* satt aufliegender Reifen (m)
tyre with fair bearing
bandage (m) à grande portée

бандажъ (m), плотно прилегающій
cerchione (m) a grande superficie di contatto
aro (m) de gran superficie



hohlgelaufener *oder* ausgelaufener Radreifen (m)
tyre worn hollow
bandage (m) creusé intérieurement

бандажъ (m), изогнутый отъ износа
cerchione (m) incavato per l'uso
aro (m) ahuecado por el uso

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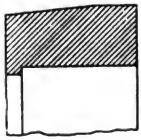


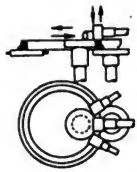
Radreifen (m) ohne Spurkranz
1 flangeless tyre, blind tyre
bandage (m) sans boudin

бандажъ (m) безъ реборды *или* гребня
cerchione (m) senza bordino
aro (m) sin pestaña *ó* bordón

---

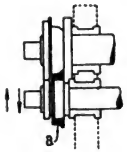
den Radreifen walzen (v)
roll the tyre
laminer (v) le bandage

прокатывать бандажи
laminare (v) il cerchione
laminar (v) el aro



Radreifenwalzwerk (n)
3 tyre rolling mill
laminoir (m) à bandages

станъ (m) *или* станокъ (m) для прокатки бандажей
laminatoio (m) per cerchioni
laminador (m) para aros



Kopfwalzwerk (n)
head rolling mill
4 laminoir (m) à cylindre profilé (complètement)

станъ (m) *или* станокъ (m) для прокатки головокъ
laminatoio (m) frontale
laminador (m) de cilindro perfilado

---

nahtloser Reifen (m)
weldless tyre
5 bandage (m) sans soudure

a

бандажъ (m) безъ шва
cerchione (m) senza saldatura
aro (m) sin soldadura

Radreifenbruch (m)
6 fracture *or* breakage of tyre
rupture (f) de bandage

поломка (f) бандажа
rottura (f) del cerchione
rotura (f) del aro

---

der Radreifen springt
the tyre fractures
7 le bandage saute *ou* se détache

шина (f) лопнула; бандажъ (m) лопнулъ
il cerchione salta
el aro salta

Abfliegen (n) der Radreifenstücke
flying off of pieces of the tyre
8 projection (f) de fragments de bandage, éclatement (m) du bandage

отскакиваніе (n) кусковъ *или* частей бандажа
saltar (m) via dei pezzi di cerchione
desprendimiento (m) [de las piezas] del aro

Längsriß (m)
longitudinal *or* circumferential fissure *or* crack
9 fissure (f) longitudinale

продольная трещина (f)
spaccatura (f) longitudinale
raja (f) *ó* grieta (f) longitudinal

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Querriß (m)
cross fissure *or* crack
fissure (f) transversale

поперечная трещина (f)
spaccatura (f) trasversale
raja (f) ó grieta (f) transversal

1

Aufpressen (n) des Rades
pressing on of the wheel (on the axle)
calage (m) de la roue à la presse [sur l'essieu]

насадка (f) колеса
montatura (f) della ruota con la pressa *od* a pressione
montaje (m) de la rueda [sobre el eje] con la prensa

2

---

das Rad aufpressen (v)
to press the wheel on
caler (v) la roue à la presse

насаживать колесо
montare (v) la ruota con la pressa *od* a pressione
montar (v) la rueda con la prensa

3

Aufpreßdruck (m)
pressure (with which the wheel is pressed on)
pression (f) de calage

давленіе (n) при насадкѣ
pressione (f) di montatura
presión (f) de montaje

4

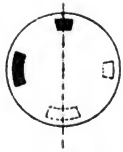
---

die Räder auf die Achse aufkeilen (v)
to key the wheels on the axle
caler (v) *ou* emmancher (v) avec serrage par clavette les roues sur l'essieu

заклинивать колёса на оси
callettare (v) *o* calcare (v) le ruote sull'asse
fijar (v) las ruedas sobre el eje con la chabeta

5

Gegengewicht (n), Ausgleichgewicht (n)
balance weight, counter balance (A)
contrepoids (m)



противовѣсъ (m)
contrappeso (m)
contrapeso (m)

6

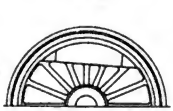
---

sichelförmiges Gegengewicht (n)
crescent shaped balance weight
contrepoids (m) en croissant

противовѣсъ (m) серповидной формы
contrappeso (m) a mezza luna
contrapeso (m) en forma de media luna

7

Gegengewicht (n) in Form eines Kreisabschnittes
segment shaped balance weight
contrepoids (m) en segment circulaire



противовѣсъ (m) въ видѣ кругового сегмента
contrappeso (m) a segmento circolare
contrapeso (m) en forma de segmento circular

8

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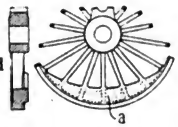
1 Gegengewicht (n) in Form eines Ringausschnittes
annular *or* ring shaped balance weight
contrepoids (m) en secteur annulaire

противовѣсъ (m) въ видѣ кольцевого сегмента
contrappeso(m) a settore anulare
contrapeso (m) en forma de sector anular

2 aus dem Vollen geschmiedetes Gegengewicht (n)
balance weight forged from the solid
contrepoids (m) forgé dans la masse

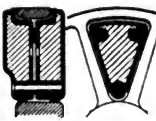


противовѣсъ (m) откованъ за-одно съ . . .
contrappeso (m) fucinato nella massa
contrapeso (m) forjado en la masa

3 wirksamer Teil (m) des Gegengewichts
effective *or* active part of the balance weight
partie (f) utile du contrepoids

дѣйствующая часть (f) противовѣса
parte (f) attiva del contrappeso
parte (f) útil del contrapeso

4 eingesetztes Gegengewicht (n)
balance weight fixed between spokes
contrepoids (m) rapporté

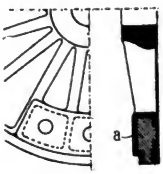


вставной противовѣсъ (m)
contrappeso (m) riportato *o* di rapporto
contrapeso (m) añadido

5 voll gegossenes Gegengewicht (n)
solid cast balance weight *or* counterbalance
contrepoids (m) plein en fonte

противовѣсъ(m)сплошной отливки
contrappeso (m) massiccio di getto
contrapeso (m) macizo de fundición

6 hohl gegossenes Gegengewicht (n)
hollow cast balance weight
contrepoids (m) creux en fonte



полый противовѣсъ (m)
contrappeso (m) cavo di getto
contrapeso (m) hueco de fundición

7 eingegossenes Gegengewicht (n)
balance weight cast on to wheel centre
contrepoids (m) coulé dans la roue

противовѣсъ (m) съ заливкой
contrappeso (m) fuso nella ruota
contrapeso (m) fundido en la rueda

8 Bleiausfüllung (f)
balance weight filled with lead
remplissage (m) en plomb

заполненіе (n) свинцомъ
riempimento (m) di piombo
relleno (m) de plomo

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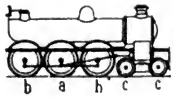
eingeschweißtes Gegengewicht (n)
balance weight welded on
contrepoids (m) soudé sur place

приварной противовѣсъ (m)
contrappeso (m) saldato a caldo alla ruota
contrapeso (m) soldado al fuego en su sitio

1



Lokomotivrad (n)
locomotive wheel
roue (f) de locomotive

колесо (n) паровоза
ruota (f) di locomotiva
rueda (f) de locomotora

2

Triebrad (n), Treibrad (n)
driving wheel, driver
roue (f) motrice

a

ведущее колесо (n); движущее колесо
ruota (f) motrice
rueda (f) motriz

3

Kuppelrad (n)
coupled wheel
roue (f) accouplée *ou* couplée

b

спаренное *или* сцѣпленное колесо (n)
ruota (f) accoppiata
rueda (f) acoplada

4

Laufrad (n)
free *or* uncoupled wheel
roue (f) portante *ou* porteuse

c

поддерживающее *или* бѣговое *или* катковое *или* вольное колесо (n); колесо-бѣгунокъ (m)
ruota (f) portante *o* corrente
rueda (f) portante

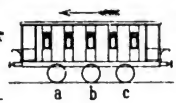
5

Tenderrad (n)
tender wheel
roue (f) de tender

тендерное колесо (n); колесо тендера
ruota (f) del tender
rueda (f) de ténder

6

Wagenrad (n)
carriage *or* wagon *or* car (A) wheel
roue (f) de wagon



вагонное колесо (n); колесо вагона
ruota (f) di vagone
rueda (f) de vagón

7

Vorderrad (n)
front wheel, fore wheel
roue (f) d'avant

a

переднее колесо (n)
ruota (f) anteriore
rueda (f) delantera

8

Mittelrad (n)
middle wheel, intermediate wheel
roue (f) du milieu

b

среднее колесо (n)
ruota (f) intermedia
rueda (f) central

9

Hinterrad (n)
rear wheel, hind wheel, trailing wheel
roue (f) d'arrière

c

заднее колесо (n)
ruota (f) posteriore
rueda (f) trasera

10

Räderpaar (n)
pair of wheels
paire (f) *ou* train (m) de roues, essieu (m) monté

колёсный полускать (m); колёсный скать (m)
coppia (f) di ruote, sala (f) montata
par (m) de ruedas

11

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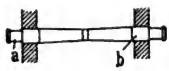
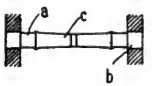
1	führendes Rad (n) leading wheel roue (f) directrice	a	направляющее колесо (n) ruota (f) guidante *o* conduttrice rueda (f) conductora
2	nichtführendes Rad (n) non-leading wheel roue (f) conduite	b	ненаправляющее колесо (n) ruota (f) non guidante *o* condotta rueda (f) conducida
3	Achse (f), Achswelle (f) axle essieu (m)		ось (f); ось ската sala (f) eje (m)
4	Achsdurchmesser (m) diameter of axle diamètre (m) de l'essieu, grosseur (f) de l'essieu (au corps)	d	діаметръ (m) оси diametro (m) della sala diámetro (m) del cuerpo del eje
5	Achsquerschnitt (m) cross-section of axle section (f) [transversale] de l'essieu	$\frac{\pi\, d^2}{4}$	поперечное сѣченіе (n) оси sezione (f) della sala sección (f) transversal del eje
6	Achse (f) mit außenliegenden Schenkeln axle with outside journals essieu (m) à fusées extérieures		ось (f) съ наружными шейками *или* цапфами sala (f) a fusi *o* perni esterni eje (m) con cuellos exteriores
7	Achsschenkel (m), Achszapfen (m), Achsstummel (m) axle-journal fusée (f) de l'essieu	a	цапфа (f) оси; осевая шейка (f) fuso (m) *o* perno (m) della sala gorrón (m) *ó* cuello (m) del eje
8	Nabensitz (m), Radsitz (m) wheel seat portée (f) de calage du moyeu	b	головка (f) оси; подступичная часть (f) оси sede (f) del mozzo portada (f) del eje
9	Achse (f) mit innenliegenden Schenkeln axle with inside journals essieu (m) à fusées intérieures		ось (f) съ внутренними шейками sala (f) a fusi interni eje (m) con cuellos *ó* gorrones interiores
10	Achshals (m), Lagerhals (m) neck of journal fusée (f) de l'essieu	a	шейка (f) оси collo (m) *o* fuso (m) della sala cuello (m) *ó* gorrón (m) del eje

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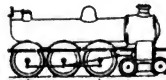
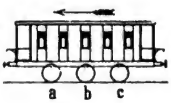
Achskopf (m) axle head, wheel seat portée (f) de calage de l'essieu	b	головка (f) оси; подступичная часть (f) оси testa (f) della sala portada (f) del eje	1
Achsschaft (m) body of axle, axle centre, middle of axle corps (m) *ou* fût (m) de l'essieu	c	тѣло (n) оси corpo (m) della sala cuerpo (m) del eje	2
Hohlachse (f) hollow axle essieu (m) creux		полая ось (f) sala (f) cava eje (m) hueco	3
Lokomotivachse (f) locomotive axle essieu (m) de locomotive	 b a b c	паровозная ось (f) sala (f) da locomotiva eje (m) de locomotora	4
Triebachse (f), Treibachse (f) driving axle essieu (m) moteur	a	движущая *или* ведущая ось (f) sala (f) motrice eje (m) motor	5
Kuppelachse (f) coupled axle essieu (m) accouplé *ou* couplé	b	спаренная ось (f) sala (f) accoppiata eje (m) acoplado	6
Laufachse (f) free *or* non-coupled *or* carrying axle essieu (m) porteur	c	поддерживающая *или* бѣгунковая *или* свободная ось (f); бѣгунъ (m) sala (f) del carrello eje (m) portante	7
Wagenachse (f) carriage *or* wagon *or* car (A) axle essieu (m) de wagon *ou* de voiture	 a b c	вагонная ось (f) sala (f) di vagone eje (m) de vagón	8
Vorderachse (f) front axle, fore axle, leading axle essieu (m) [d']avant	a	передняя ось (f) sala (f) anteriore eje (m) anterior ó delantero	9
Mittelachse (f) middle axle essieu (m) du milieu	b	средняя ось (f) sala (f) intermedia eje (m) central	10
Hinterachse (f) rear axle, hind axle, trailing axle essieu (m) [d']arrière	c	задняя ось (f) sala (f) posteriore eje (m) posterior ó trasero	11
Endachse (f) end axle essieu (m) extrême	a, c	крайняя ось (f) asse (m) estremo eje (m) extremo	12

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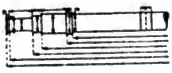
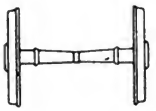
1 Normalachse (f)
standard axle
essieu (m) normal, essieu-type (m)



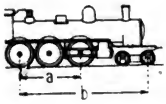
нормальная ось (f)
sala (f) normale
eje (m) normal

2 Achssatz (m), Radsatz (m), Satzachse (f), Radgestell (n)
pair of wheels and axle train (m) de roues, paire (f) de roues, essieu (m) monté



колёсный скатъ (m)
sala (f) montata
juego (m) *ó* tren (m) de ruedas

3 Achsstand (m), Radstand (m)
wheel base
écartement (m) des essieux, empattement (m)



база (f); разстояніе (n) между осями
interasse (m)
separación (f) *ó* distancia (f) entre ejes

4 fester *oder* starrer Achsstand (m)
fixed *or* rigid wheel base
empattement (m) fixe

a

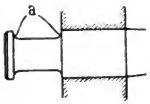
база (f) между несвободными осями; жёсткая база
passo (m) *od* interasse (m) rigido
separación (f) fija de los ejes

5 Gesamtachsstand (m)
total wheel base
empattement (m) total, écartement (m) des essieux extrêmes

b

полная база (f)
distanza (f) tra gli assi estremi
separación (f) de los ejes extremos

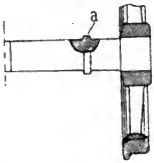
6 Anlauf (m)
shoulder, fillet, radius
congé (m)



a

закруглённый переходъ (m); выкружка (f); заточка (f)
raccordo (m)
curva (f) de enlace

7 Achsbund (m)
axle collar
collet (m) de l'essieu



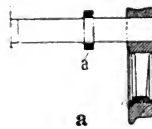
выступъ (m); заплечикъ (m); буртикъ (m) *или* поясокъ (m)
colletto (m) della sala
anillo (m) del eje

8 aus dem Ganzen geschmiedeter Bund (m)
collar forged from the solid
collet (m) forgé dans la masse

a

выступъ (m) *или* заплечикъ (m) *или* буртикъ (m) *или* поясокъ (m), выкованный за-одно
colletto (m) fucinato nella massa
collar (m) *ó* anillo (m) forjado en la masa

9 Bundring (m)
shrunk on collar
collet (m) rapporté, frette (f)



a

кольцо (n) пояска
colletto (m) di riporto
collar (m) *ó* anillo (m) añadido, abrazadera (f)

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den Bundring warm aufziehen (v), den Bundring aufschrumpfen(v)
to shrink the collar on
emmancher (v) *ou* poser (v) la frette à chaud sur l'essieu

надѣть кольцевой поясокъ въ горячемъ видѣ
infilare (v) il colletto a caldo sulla sala
fijar (v) en caliente el collar *ó* el anillo sobre el eje

1

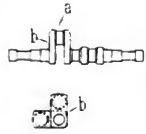
---

gerade Achse (f)
straight axle
essieu (m) droit

прямая ось (f)
sala (f) diritta
eje (m) derecho

2

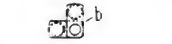
Kurbelachse (f), Krummachse (f), gekröpfte Achse (f), Kropfachse (f)
crank axle, cranked axle
essieu (m) coudé



колѣнчатая ось (f); ось коловоротнаго типа
sala (f) a gomito
eje (m) acodado

3

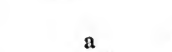
Kurbelkröpfung (f)
crank
tourillon (m) de manivelle, maneton (m)



шейка (f) кривошипа
gomito (m) di manovella
manivela (f), cigüeñal (m)

4

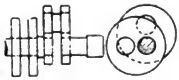
Kurbelarm (m)
crank arm, crank web
bras (m) *ou* coude (m) de manivelle



плечо (n) кривошипа
braccio (m) di manovella
codo (m) de manivela

5

Kurbelscheibe (f), Scheibenkurbel (f)
crank disc, crank with circular webs
fiasque (m) circulaire de manivelle



кривошипный дискъ (m); дисковый кривошипъ (m)
disco (m) di manovella
plato (m) circular de manivela

6

Kurbelarm (m) mit Schrumpfband
crank with hoop shrunk on
bras (m) de manivelle avec frette [posée à chaud]

кривошипъ (m) съ поясомъ, надѣтымъ въ нагрѣтомъ состояніи
braccio (m) di manovella con fascia montata a caldo
codo (m) de manivela con collar puesto *ó* abrazadera puesta en caliente

7

---

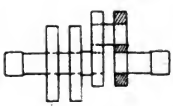
schrägschenklige Krummachse (f)
oblique crank
essieu (m) à corps oblique

колѣнчатая ось (f) съ закривлённой средней частью; зетъ-образная ось
asse (m) piegato a gomito obliquo
eje (m) con cuerpo oblicuo

8

---

aus einzelnen Teilen zusammengebaute Kurbelachse (f)
built up crank axle
essieu (m) coudé formé de pièces détachées



колѣнчатая ось (f), составленная изъ отдѣльныхъ частей; составная колѣнчатая ось
sala (f) a gomito a pezzi riuniti
eje (m) acodado construido por medio de piezas sueltas

9

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Triebachse (f) für dreifache Lagerung
1 driving axle with triple bearing
essieu (m) moteur pour trois coussinets

ведущая ось (f) съ тремя опорными шейками
sala (f) motrice a tre sopporti
eje (m) motor para tres cojinetes

---

einen Radsatz einbinden (v) *oder* einbringen (v)
2 to mount a pair of wheels
monter (v) un train de roues

монтировать колёсную пару; собрать колёсный скать
montare (v) una coppia di ruote
montar (v) un par de ruedas

---

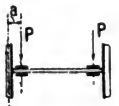
einen Radsatz ausbinden (v) *oder* auswechseln (v)
3 to replace a pair of wheels
enlever (v) un train de roues, remplacer (v) un train de roues

смѣнить колёса одного ската
smontare (v) una coppia di ruote, cambiare (v) una coppia di ruote
retirar (v) ó reemplazar (v) un par de ruedas

Räderversenkvorrichtung (f), Achssenke (f)
4 wheel lifting jack *or* device, wheel and axle elevator, wheel drop
plate-forme (f) à monter *ou* démonter les roues

подъёмникъ (m) для колёсныхъ скатовъ; приборъ (m) для выкатки колёсныхъ паръ
montaruote (m)
aparato (m) para montar ruedas

Achsbelastung (f), Achslast (f)
5 axle load
charge (f) de l'essieu



$2\,P$

давленіе (n) на ось; нагрузка (f) оси
carico (m) della sala
carga (f) del eje

Biegungsmoment (n)
6 bending moment, moment of flexure
moment (m) fléchissant *ou* de flexion

$a \cdot P$

изгибающій моментъ (m)
momento (m)di flessione
momento (m) de flexión

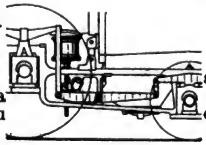
Raddruck (m)
7 wheel pressure
pression (f) de la roue

давленіе (n) колеса
pressione (f) della ruota
presión (f) de la rueda

Achsdruck (m)
8 axle pressure
pression (f) de l'essieu

давленіе (n) оси
pressione (f) dell'asse
presión (f) del eje

Triebachslastvermehrer (m)
9 traction increaser
disposition (f) pour l'augmentation de la charge sur l'essieu moteur



приспособленіе (n) для увеличенія нагрузки ведущихъ *или* движущихъ *или* сцѣпныхъ осей
aumentatore (m) di peso sull'asse motore
disposición (f) para el aumento de la carga sobre el eje motor

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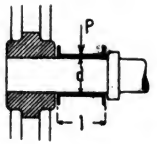

$$\frac{P}{l \cdot d}$$

Flächendruck (m), Flaschenpressung (f)
unit pressure, pressure per unit of area
pression (f) par unité de surface

удѣльное давленіе (n); давленіе на единицу поверхности
pressione (f) specifica
presión (f) por unidad de superficie

1

Warmlaufen (n) des Lagers
heating of the bearing
chauffage (m) de l'essieu

нагрѣваніе (n) оси
riscaldamento (m) della sala
calentamiento (m) del eje

2

Achsanbruch (m)
crack in an axle
criqué (f) d'essieu

трещина (f) въ оси; надломъ (m) въ шейкѣ
principio (m) di rottura della sala
grieta (f) del eje

3

Achsbruch (m)
breaking of an axle, axle fracture
rupture (f) d'essieu

поломка (f) оси
rottura (f) della sala
rotura (f) del eje

4

Achsprobe (f)
proof test for axle, testing of an axle, axle test
épreuve (f) des essieux

испытаніе (n) оси
prova (f) della sala
ensayo (m) de los ejes

5

Einzelprobe (f)
single test
épreuve (f) par unité

испытаніе (n) поштучное
prova (f) distinta
ensayo (m) individual

6

Prozentualprobe (f)
percentage test
épreuve (f) sur tant pour cent

испытаніе (n) партіи на выдержку
prova (f) percentuale
ensayo (m) en tanto por ciento

7

Achszahl (f)
number of axles
nombre (m) d'essieux

число (n) осей
numero (m) delle sale
número (m) de ejes

8

Maximalachszahl (f)
maximum number of axles
nombre (m) maximum d'essieux

наибольшее *или* максимальное число (n) осей
numero (m) massimo delle sale
número (m) máximo de ejes

9

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2. Achslager und Schmierung

1 **Axle-boxes and Lubrication**

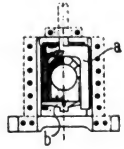
Boîtes à huile et graissage

Букса и смазка

Sopporti d'asse e lubrificazione

Cajas y lubricación

2 Achslager (n), Achsbüchse (f)
axle bearing
boîte (f) d'essieu



букса (f)
boccola (f)
apoyo (m) de eje, caja (f) para eje

---

3 Lagergehäuse (n), Lagerkasten (m), Achskiste (f)
axle box [body]
dessus (m) de boîte

a

смазочная коробка (f)
boccola (f) a grasso
parte (f) superior de la caja

---

4 Unterkasten (m), Unterlager (n), Achsbüchsunterteil (m)
lower box, lower bearing, keep
dessous (m) de boîte

b

нижняя коробка (f); контръ-букса (f)
sottoboccola (f)
parte (f) inferior de la caja

---

5 Lagerschale (f), Lagerfutter (n)
step, journal *or* axle brass (A)
coussinet (m)

вкладышъ (m) буксы
cuscinetto (m)
cojinete (m)

---

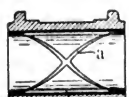
6 Lagerschalenausguß (m)
journal brass lining *or* pad
garniture (f) *ou* régule (m) antifriction du coussinet

a

заливка (f) вкладыша
guarnizione (f) del cuscinetto
guarnición (f) de metal antifricción

---

7 Schmiernut (f)
oil groove
rainure (f) de graissage; (divisée *ou* multiple:) patte (f) d'araignée

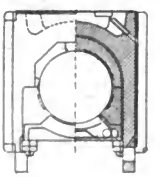


a

смазочный каналъ (m); канавка (f) *или* желобокъ (m) для смазки
scanalatura (f) di lubrificazione
ranura (f) de engrase ó de lubrificación

---

8 dreiteiliges Achslager (n)
three-part axle box
coussinet (m) d'essieu en trois pièces



букса (f), состоящая изъ трёхъ частей
cuscinetto (m) delle sale in tre parti
cojinete (m) de eje en tres piezas

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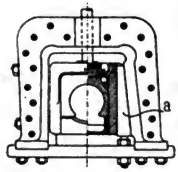
nachstellbares Triebachslager (n)
adjustable driving axle box
boîte (f) réglable d'essieu moteur



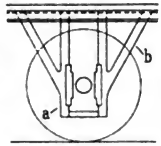
букса (f) ведущей оси съ установочнымъ клиномъ
cuscinetto (m) della sala motrice regolabile
caja (m) regulable de eje motor *1*

Stellkeil (m)
adjusting wedge
coin (m) de réglage *ou* de rattrapage de jeu

a

установочный *или* буксовый клинъ (m)
cuneo (m) d'aggiustaggio
cuña (f) de ajuste *ó* de reglaje *2*

Achslagerführung (f)
axle box guide, pedestal (A)
guide (m) de boîte d'essieu



осевая лапа (f); вила (f)
piastra (f) di guardia, parasala (m)
guía (f) resbaladera de caja *3*

Achsgabel (f), Achshalter (m)
hornplate *or* horn (locomotives), axle guard (carriages), pedestal horn (A)
plaque (f) de garde

a

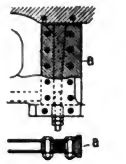
буксовая лапа (f) *или* челюсть (f)
braccio (m) del parasala
placa (f) de guarda *4*

Achsgabelstrebe (f)
wing *or* strut of axle guard *or* horn *or* hornplate
jambe (f) de force de plaque de garde

b

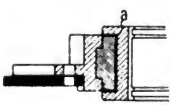
подкосъ (m) буксовой лапы
braccio (m) obliquo del parasala
tirante (m) *ó* rama (f) de la placa de guarda *5*

Achsgabelbacken (m), Führungsbacken (m)
guide plate, cheek, hornblock
joue (f) de guidage de boîte



щека (f) осевой вилки; направляющая щека
guida (f) del parasala di guardia
placa (f) lateral de guía de la caja *6*

Gleitfläche (f) des Gehäuses
guide face of axle box
surface (f) de glissement de la boîte



поверхность (f) скольженія буксы; трущаяся часть (f) коробки
superficie (f) di guida della boccola
superficie (f) de resbalamiento de la caja *7*

Gleitfutter (n)
guide packing, guide *or* axle box liner
fourrure (f) de glissement

a

прокладка (f); надѣлка (f) на поверхность скольженія
pattino (m) di scorrimento
guarnecido (m) *ó* forro (m) de resbalamiento *8*

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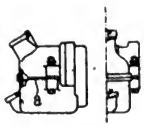
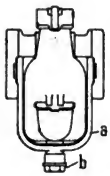
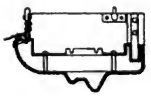
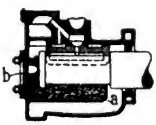
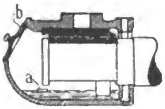
1	geteilte Achsbüchse (f), offene Achsbüchse (f) divided *or* split axle box boîte (f) à huile *ou* boîte (f) de graissage en deux parties		разъёмная букса (f) scatola (f) *o* boccola (f) a grasso aperta caja (f) de engrase en dos partes
2	Trennungsfuge (f) joint joint (m)	a	стыкъ (m); поверхность (f) разъёма giunzione (f) junta (f)
3	Bügellager (n) stirrup axle box, clamped axle box palier (m) à étrier		букса (f) съ хомутомъ boccola (f) a staffa soporte (m) de brida
4	Verschlußbügel (m) locking hoop, locking clamp *or* stirrup étrier (m) de fermeture	a	запирающій хомутъ (m) staffa (f) di chiusura estribo (m) de cierre
5	Verschlußschraube (f) locking bolt vis (f) de fermeture	b	запирающій винтъ (m) vite (f) di chiusura tornillo (m) de cierre
6	gepreßter Unterkasten (m) pressed *or* stamped bottom of axle box, pressed oil well dessous (m) de boîte matricé		штампованная нижняя коробка (f) *или* нижняя часть (f) буксы sottoboccola (f) stampata parte (f) inferior de caja estampada
7	Zwischenboden (m) oil well-division faux-fond (m)	 a	промежуточное дно (n) diaframma (m) intermedio fondo (m) intermedio
8	Anlaufscheibe (f) thrust plate, check plate [plaque (f) de] buttée (f)	b	шайба (f) disco (m) di ritegno disco (m) de tope
9	einteilige *oder* geschlossene Achsbüchse (f) solid axle *or* journal box (A) boîte (f) à huile en une seule pièce		цѣльная *или* неразъёмная букса (f); закрытая букса boccola (f) a grasso chiusa caja (f) de engrase cerrada
10	Ölmarke (f) oil level mark niveau (m) de l'huile	a	мѣтка (f) уровня масла segno (m) per l'olio marca (f) de nivel del aceite

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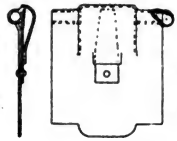
Achsbüchsdeckel (m), Schmierdeckel (m)
axle box cover *or* lid
couvercle (m) de boîte à huile



крышка (f) буксы
portella (f) della boccola, coperchio (m) apribile della scatola
tapa (f) de caja de engrase

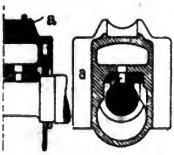
1

federnder Blechdeckel (m)
pressed (steel) spring-cover
couvercle (m) à ressort en tôle

пружинящая крышка (f) изъ листового желѣза
coperchio (m) a molla in lamiera
tapa (f) elástica de chapa

2

Führungsleiste (f), Führungsrippe (f), Führungslappen (m)
box flange
glissière (f), guide (m)

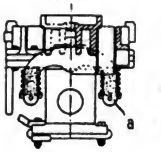


a

направляющая планка (f); направляющее ребро (n)
nervatura (f) di guida
resbaladera (f)

3

Achsbüchsjoch (n)
axle *or* journal (A) box yoke
bride (f) oscillante de boîte à graisse

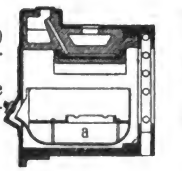


a

хомутообразный затворъ (m) осевой буксы
giogo (m) della boccola a grasso
estribo (m) oscilante de caja de engrase

4

gepreßte Achsbüchse (f)
axlebox with plate housing *or* shell
boîte (f) à huile avec enveloppe en tôle emboutie



штампованная букса (f) съ кожухомъ изъ листового желѣза
boccola (f) a grasso con inviluppo di lamiera pressata
caja (f) de engrase con envoltura de chapa embutida

5

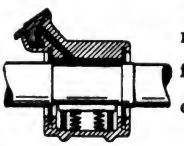
Schmiereinsatzkasten (m)
removable oil pad tray
réservoir (m) *ou* cuvette (f) de la boîte à huile

a

вставная коробка (f) для смазки
bacinella (f) della boccola a grasso
reservorio (m) de grasa de la caja de engrase

6

Innenlager (n)
inside axle *or* journal box
boîte (f) intérieure



внутренній подшипникъ (m)
fuso (m) interno, boccola (f) interna
caja (f) interior

7

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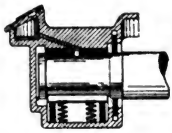
1 Außenlager (n)
outside axle *or* journal box
boîte (f) extérieure

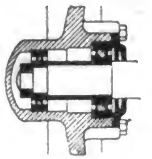


наружный подшипникъ (m)
fuso (m) *o* boccola (f) esterna
caja (f) exterior

2 Rollenlager (n), Walzenlager (n)
roller bearing
boîte (f) à rouleaux

роликовый подшипникъ (m); подшипникъ на роликахъ; подшипникъ съ катками
cuscinetto (m) a rulli
soporte (m) de rodillos

3 Kugellager (n)
ball bearing
boîte (f) à billes

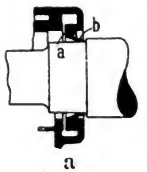


шариковый подшипникъ (m); подшипникъ съ шариками; подшипникъ на шарикахъ
cuscinetto (m) a sfere
soporte (m) de bolas

4 Staubverschluß (m)
dust shield *or* guard
obturateur (m) [anti-poussière]

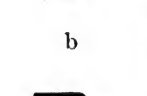
запоръ (m), не пропускающій пыли
chiusura (f) contro la polvere
obturador (m) de caja

5 hölzerner Staubring (m)
wooden dust guard *or* shield
bague (f) *ou* rondelle (f) obturatrice en bois



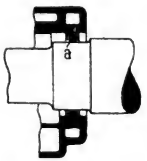
деревянное кольцо (n) *или* деревянная шайба (f) отъ пыли
otturatore (m) di legno contro la polvere
anillo (m) obturador de madera

6 Lederdichtung (f)
leather packing
rondelle (f) obturatrice en cuir



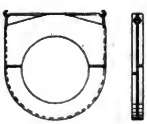
кожаная набивка (f)
guarnizione (f) di cuoio
anillo (m) obturador de cuero

7 Filzdichtung (f)
felt packing
joint (m) en feutre



войлочная набивка (f)
guarnizione (f) di feltro
junta (f) de fieltro

8 federnder Staubverschluß (m)
spring *or* elastic wad, elastic dust shield
obturateur (m) élastique



пружинящій запоръ (m), не пропускающій пыли
chiusura (f) elastica contro la polvere
obturador (m) elástico

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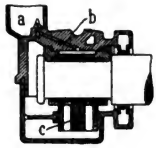
Starrschmierung (f), feste Schmierung (f)
hard fat *or* grease lubrication
graissage (m) à graisse consistante

мазь (f); твёрдая смазка (f)
lubrificazione (f) a grasso consistente
engrase (m) con grasa consistente

1



Ölschmierung (f), flüssige Schmierung (f)
oil-lubrication
graissage (m) à l'huile

жидкая смазка (f); масло (n)
lubrificazione (f) ad olio
lubrificación (f) con aceite

2

Ölbehälter (m)
oil-reservoir, oil-tank, oil-well, oil box
réservoir (m) à l'huile

a

буксовая маслёнка (f)
serbatoio (m) ad olio
reservorio (m) de aceite

3

Schmierloch (n)
oil-hole, oil passage
trou (m) de graissage, canal (m) de graissage

b

смазочное отверстіе (n)
luce (f) *o* foro (m) di lubrificazione
lumbrera (f) *ó* agujero (m) de engrase

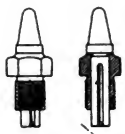
4

Schmierwolle (f), Schmierpolster (n), Schmierkissen (n)
oil pad *or* waste
tampon (m) *ou* mouton (m) de graissage

c

смазывающая шерсть (f); шерсть для смазки; бумажные концы (m pl)
lana (f) *o* stoppa (f) per ingrassare
almohadilla (f) de engrase

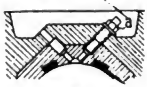
5



Ölstoßventil (n)
oil valve
soupape (f) à secousses à huile

масляный клапанъ (m) [приподымающійся при каждомъ толчкѣ, вызываемомъ стыками рельсовъ]
valvola (f) dell'olio
válvula (f) de aceite

6

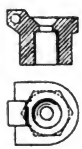


Schmierschraube (f)
oil-hole screw
bouchon (m) de graisseur à vis

a

смазочный винтъ (m)
tappo (m) di lubrificazione
tapón (m) de rosca para caja

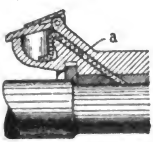
7



Schmierkapsel (f)
lubricating plug, oil cup
godet (m) graisseur

маслёнка (f); смазочная коробка (f)
cassetto (m) di lubrificazione
vaso (m) engrasador

8



Schmierdocht (m)
lubricating *or* syphon wick
mèche (f) de graissage

фитиль (m) для смазки
stoppino (m) di lubrificazione
mecha (f) de engrase

9

a

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1 Starrfett (n), Stangenfett (n)
solid fat
graisse (f) en pains

брусковая мазь (f)
grasso (m) in sbarre
grasa (f) en barras

2 Bedarfschmierung (f), Hilfsschmierung (f)
lubrication at need
graissage (m) en cas de nécessité

смазка (f) въ случаѣ *или* по мѣрѣ надобности
lubrificazione (m) secondo il bisogno
engrase (m) en caso de necesidad

3 Zeitschmierung (f), periodische Schmierung (f)
periodical lubrication
graissage (m) périodique

періодическая смазка (f); смазка по временамъ
lubrificazione (f) periodica
engrase (m) periódico

4 **8. Lenkachsen und Drehgestelle**
Radial Axles and Bogies *or* Trucks (A)
Essieux convergents et bogies

Подвижныя оси и тележки
Assi spostabili e carrelli
Ejes radiales y bogas

5 Führung (f) des Fahrzeuges in Krümmungen
guiding of the vehicle in curves
inscription (f) du véhicule dans les courbes

вписываніе (n) телѣжки въ кривыя
guida (f) dei rotabili nelle curve
inscripción (f) en las curvas, dirección (f) del vehiculo

6 steifachsiges Fahrzeug (n)
vehicle with rigid *or* fixed axles
véhicule (m) à essieux rigides

повозка (f) *или* телѣжка (f) съ неподвижными осями
rotabile (m) a sale rigide
vehiculo (m) de ejes fijos

7 festgelagerte Achse (f), steife Achse (f)
rigid axle, fixed axle
essieu (m) rigide

неподвижная ось (f)
sala (f) rigida
eje (m) fijo

8 seitlich verschiebbare Laufachse (f)
axle with lateral play
essieu (m) porteur à jeu transversal

бѣгунокъ (m), имѣющій движеніе въ сторону; поддерживающая ось (f), свободно перемѣщающаяся въ поперечномъ направленіи
sala (f) portante spostabile lateralmente
eje (m) portante de desplazamiento lateral

9 Einstellbarkeit (f) der Achsen
adjustability of the axles
disposition (f) pour le déplacement des essieux

устанавливаемость (f) осей
spostabilità (f) delle sale
regulabilidad (f) de los ejes

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Lenkachse (f), in Krümmungen einstellbare Laufachse (f)
radial *or* flexible axle, axle adjustable to curves
essieu (m) orientable, essieu (m) radial, essieu (m) pour inscription en courbe

подвижная ось (f); самоустанавливающаяся ось
sala (f) guidabile
eje (m) orientable *ó* radial
1

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radiale Einstellung (f)
radial adjustment
orientation (f) radiale, position (f) convergente

радіальная установка (f)
disposizione (f) radiale
posición (f) radial
2

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freie Lenkachse (f)
free flexible axle
essieu (m) à orientation libre, essieu (m) convergent

a

свободно устанавливающаяся ось (f)
sala (f) libera
eje (m) de orientación libre, eje (m) convergente
3

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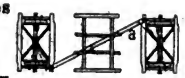
gekuppelte Lenkachsen (f pl), zwangläufige Lenkachsen (f pl)
coupled flexible axles
essieux (m pl) orientables *ou* à déplacements conjugués *ou* accouplés, essieux (m pl) à convergence commandée



спаренныя самоустанавливающіяся оси (f pl)
sale (f pl) libere coniugate
ejes (m pl) radiales acoplados *ó* conjugados
4

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diagonale Lenkstange (f)
diagonal coupling rod
bielle (f) de connexion diagonale

a

діагональный спарникъ (m)
asta (f) diagonale di congiunzione
biela (f) de conexión diagonal
5

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zwangläufig einstellbare Lenkachse (f)
controlled flexible axle
essieu (m) à orientation commandée *ou* déplacements commandés

ось (f) съ принудительной установкой
sala (f) convergente accoppiata
eje (m) de desplazamiento accionado
6

Vereinslenkachse (f)
flexible axle as approved by the German Railway Association
essieu (m) orientable radial *ou* convergent de l'Union des chemins de fer allemands

самоустанавливающаяся ось (f) германскаго союза желѣзнодорожныхъ управленій
sala (f) libera dell'Unione delle ferrovie germaniche
eje (m) radial *ó* convergente de la Unión de los caminos de hierro alemanes
7

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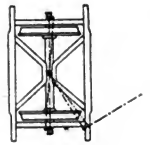
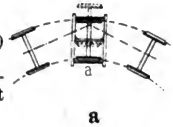
1 Lenkachse (f) mit Drehrahmen, einachsiges Drehgestell (n)
single axle bogie, pony truck »radial truck«
truck (m) radial *ou* train (m) articulé à un seul essieu



самоустанавливающаяся ось (f) съ поворотной рамой; одноосная телѣжка (f)
carrello (m) a sala mobile
tren (m) de ruedas articulado ó truck de un solo eje

2 verschiebbare Achse (f)
sliding bogie frame
essieu (m) à jeu transversal *ou* à glissement



a

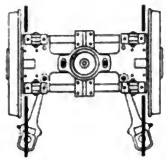
ось (f), перемѣщающаяся въ поперечномъ направленіи
asse (m) spostabile
eje (m) á deslizamiento lateral

3 Drehgestell (n)
bogie, truck (A)
bogie (m), train (m) articulé, truck (m)

a

телѣжка (f)
carrello (m)
bogie (m), boga (f), carro (m) giratorio, truck (m) articulado

4 einachsiges Drehgestell (n) mit Gelenkstangenführung
single axle bogie *or* truck (A) with guide links
truck (m) *ou* train (m) radial à un seul essieu avec tige de guidage articulée



одноосная телѣжка (f) съ шарнирнымъ соединеніемъ
carrello (m) a sala unica con asta di guida articolata
carro (m) giratorio ó truck (m) radial de un solo eje con barra de guia articulada

5 zweiachsiges Drehgestell (n)
four wheel bogie *or* truck (A)
bogie (m) [à deux essieux]

двухосная телѣжка (f)
carrello (m) a due sale
boga (f) ó truck (m) de dos ejes

6 Drehgestell (n) ohne seitliche Verschiebbarkeit
bogie without lateral play, fixed centre bogie *or* truck (A)
bogie (m) *ou* train (m) articulé *ou* truck (m) sans déplacement *ou* jeu latéral

телѣжка (f) безъ боковыхъ перемѣщеній
carrello (m) senza spostamento laterale
boga (f) ó truck (m) sin desplazamiento lateral

7 Drehgestell (n) mit seitlicher Verschiebbarkeit
bogie *or* truck (A) with lateral play
bogie (m) *ou* train (m) articulé *ou* truck (m) à déplacement *ou* jeu latéral

телѣжка (f) съ боковымъ перемѣщеніемъ
carrello (m) a spostamento laterale
boga (f) ó truck (m) con desplazamiento lateral

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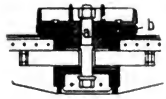
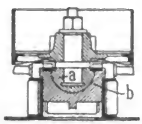
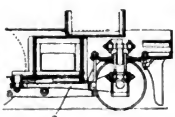
Führungszapfen (m), Drehzapfen (m), Reibnagel (m) centre pin, king pin, pivot pivot (m) du bogie	 a		шкворень (m) телѣжки perno (m) di guida gorrón (m), pivote (m)	1
Drehteller (m), Reibscheibe (f), Reibpfanne (f) centre plate, bogie slide portée (f) de la crapaudine	b		поворотная тарелка (f) piastra (f) di rotazione portada (f) de la grapaldina ó del tejuelo	2
Drehzapfenbalken (m), Traverse (f) bogie *or* truck (A) bolster traverse (f) du pivot *ou* de la cheville ouvrière			балка (f) шкворня traversa (f) del perno traviesa (f) del gorrón de la boga	3
Kugelzapfenlager (n), kugelförmiges Drehgestellager (n) spherical centre bearing crapaudine (f) à rotule *ou* sphérique du bogie			подшипникъ (m) шарового шкворня sopporto (m) a snodo sferico rangua (f) esférica de la boga	4
Kugelzapfen (m) spherical centre pivot, body center plate (A) pivot (m) sphérique	a		шаровая пята (f) perno (m) a superficie sferica gorrón (m) esférico	5
Drehpfanne (f) centre pin socket, centre casting truck, center plate (A) crapaudine (f)	b		подпятникъ (m) bronzina (f) *o* ralla (f) *o* cappa (f) del perno tejuelo (m), rangua (f), quicionera (f), grapaldina (f)	6
Deichselgestell (n), Bisselsches Drehgestell (n) Bissel-bogie, Bissel-truck, radial bogie Bissel (m), truck (m) *ou* châssis (m) articulé à liaison longitudinale articulée			телѣжка (f) съ вожжёй; телѣжка Бисселя carrello (m) a timone, carrello (m) Bissel boga (f) Bissel, truck (m) articulado	7
einachsiges Bissel-Gestell (n), Bissel-Achse (f) single axle Bissel bogie, Bissel *or* pony truck truck (m) *ou* train (m) articulé (Bissel) à un seul essieu	 a		одноосная телѣжка (f) Бисселя; ось (f) Бисселя carrello (m) Bissel ad una sala, sala (f) Bissel truck (m) Bissel de un solo eje	8
Deichsel (f) radius bar barre (f) de liaison articulée	a		струна (f); вожжа (f) timone (m) barra (f) de conexión articulada	9

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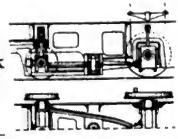
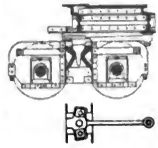
Kraußsches Drehgestell (n)
1 Krauss bogie *or* truck (A)
bogie (m) Krauss



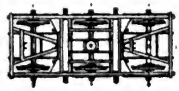
телѣжка (f) Краусса
carrello (m) Krauss
boga (f) de Krauss

Drehgestell (n) mit zwei Drehzapfen, Vaessensches Drehgestell (n)
2 bogie *or* truck (A) with two pivots, Vaessen's bogie
bogie (m) Vaessen *ou* à deux pivots



телѣжка (f) съ двумя шкворнями; телѣжка Вессена
carrello (m) Vaessen *od* a due perni
boga (f) de Vaessen *ó* de dos pivotes

dreiachsiges Drehgestell (n)
3 three axle *or* six wheel bogie *or* truck (A)
bogie (m) à trois essieux



трёхосная телѣжка (f)
carrello (m) a tre sale
boga (f) de tres ejes

Drehgestellrahmen (m)
4 bogie *or* truck (A) frame
châssis (m) de bogie

рама (f) телѣжки
intelaiatura (f) del carrello
bastidor (m) de la boga

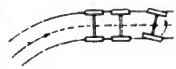
Winkelausschlag (m) des Drehgestells
displacement of bogie, truck swing (A)
5 [angle (m) de] braquage (m) du bogie, déplacement (m) angulaire

уголъ (m) вращенія телѣжки
angolo (m) di spostamento del carrello
ángulo (m) de desviación de la boga

Begrenzung (f) des Ausschlags
limitation of displacement
6 limitation (f) du déplacement angulaire *ou* de la déviation

ограниченіе (n) отклоненія
limitazione (f) della convergenza *o* dello spostamento angolare
limitación (f) de la desviación angular

Rückstellung (f) der Lenkachse
re-adjustment of bogie
7 *or* truck (A)
rappel (m) de l'essieu convergent *ou* radial



возвратъ (m) самоустанавливающейся оси въ первоначальное положеніе
richiamo (m) della sala libera
atracción (f) del eje radial

Rückstellvorrichtung(f), Mittelstellvorrichtung (f)
8 re-adjusting gear, controlling *or* centralising mechanism
dispositif (m) de rappel

приспособленіе (n) для возвращенія оси въ среднее положеніе
apparecchio (m) di richiamo
aparato (m) de atracción

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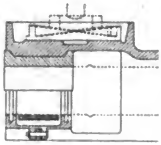
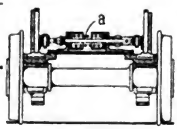
Rückstellung (f) durch Keilflächen
re-adjustment by means of inclined planes
rappel (m) par plans inclinés



возвращеніе (n) оси посредствомъ наклонныхъ плоскостей
richiamo (m) mediante piani inclinati
juego (m) transversal por planos inclinados

1

Rückstellfeder (f)
controlling *or* check *or* centering spring
ressort (m) de rappel



a

возвращающая *или* устанавливающая рессора (f)
molla (m) di richiamo
muelle (m) de atracción

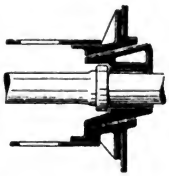
2

Mittelstellkraft (f)
controlling force
force (f) de rappel

сила (f), устанавливающая ось въ среднее положеніе
forza (f) di richiamo
fuerza (f) de atracción

3

Radialachslager (n)
radial axle box
boîte (f) radiale d'essieu



букса (f) съ радіальнымъ перемѣщеніемъ
sopporto (m) di sala radiale
caja (f) radial

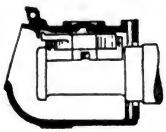
4

Radialachslagergehäuse (n)
radial axle box guide frame *or* shell
support (m) de boîte à huile d'essieu radial

коробка (f) *или* букса (f) подшипника радіальной оси
bossolo (m) snodato per sale radiali
soporte (m) de caja radial

5

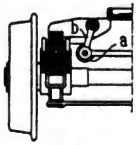
wagrecht drehbare Lagerschale (f)
horizontally revolving journal box
coussinet (m) à rotation horizontale



горизонтально вращающійся вкладышъ (m)
cuscinetto (m) a rotazione orizzontale
cojinete (m) de rotación horizontal

6

Wiege (f), Pendelwiege (f)
swing bolster
balancier (m) transversal



a

люлька (f)
bilanciere (m), trave (m) oscillante
basculador (m), balancín (m) transversal

7

Wiegengehänge (n), Wiegenpendel (n)
swing bolster link, swing link
bielle (f) de suspension

b

подвѣска (f) люльки
asta (f) di sospensione del bilanciere
biela (f) de suspensión

8

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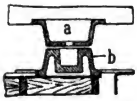
1 Seitenstütze (f), seitliche Reibplatte (f) [body] side bearing
appui (m) latéral



a

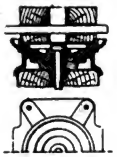
боковая опорная подушка (f); боковой скользунъ (m)
riserva (f) laterale
soporte (m) lateral

2 Gleitstück (n)
rubbing plate *or* piece, truck side bearing (A)
patin (m) de glissement

b

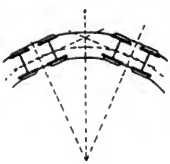
башмакъ (m); наличникъ (m); подошва (f); нижній скользунъ (m)
pattino (m) sul carello
patín (m) de deslizamiento

3 stufenförmige Reibscheibe (f) *oder* Reibpfanne (f)
step centre bearing *or* centerplate (A)
fond (m) de crapaudine à gradins



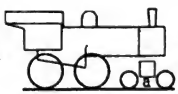
ступенчатый подпятникъ (m)
ralla (f) a gradini
rangua (f) escalonada

4 voneinander unabhängige Drehgestelle (n pl)
independent bogies *or* trucks (A)
bogies (m pl) indépendants les uns des autres



независимыя другъ отъ друга телѣжки (f pl)
carrelli (m pl) [fra loro] indipendenti
bogas (f pl) independientes

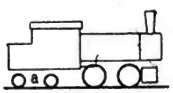
5 vorderes Drehgestell (n)
leading bogie *or* truck (A), pilot truck (A)
bogie (m) avant



a

передняя телѣжка (f)
avantreno (m) girevole, carrello (m) anteriore
boga (f) delantera

6 hinteres Drehgestell (n)
trailing bogie *or* truck (A)
bogie (m) arrière



a

задняя телѣжка (f)
carrello (m) posteriore
boga (f) de atrás

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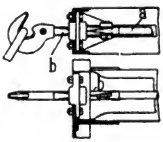
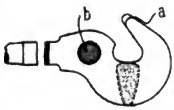
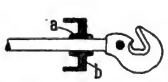
Zug- und Stoßvorrichtung **Draw and Buffer Gear** **Appareils de traction et de choc**		**Упряжные (тяговые) и буферные приборы** **Apparecchi di trazione e di repulsione** **Aparato de tracción y de choque**	1
Zugvorrichtung (f) draw *or* draft (A) gear appareil (m) de traction *ou* d'attelage, attelage (m)		упряжной *или* тяговой приборъ (m); тяговой аппаратъ (m) apparecchio (m) di trazione *o* d'attacco, attacco (m) aparato (m) de tracción *ó* de enganche; enganche (m), atalage (m)	2
Zugstange (f) draw-bar tige (f) *ou* barre (f) de traction		тяговой стержень (m); упряжная тяга (f) asta (f) di trazione varilla (f) *ó* barra (f) de tracción	3
Vierkant (n) square (shank) carré (m) du crochet	a b	четырёхгранная часть (f) gambo (m) quadro del gancio cuadrado (m) del gancho	4
Zughaken (m), Kuppelhaken (m) draw-hook, draw-bar hook crochet (m) d'attelage *ou* de traction *ou* d'accouplement		упряжной крюкъ (m); тяговой крюкъ; сцѣпной крюкъ gancio (m) di trazione, gancio (m) d'attacco gancho (m) de tracción *ó* de acoplamiento	5
Auflauffläche (f) nose plan (m) incliné, bec (m) *ou* nez (m) [du crochet]	a	носокъ (m) piano (m) inclinato plano (m) inclinado del gancho	6
Zughakenbolzen (m) coupling link pin cheville (f) de crochet de traction	b	болтъ (m) упряжного крюка; валикъ (m) упряжной стяжки perno (m) *o* spina (f) del gancio di trazione clavija (f) del gancho de tracción	7
Zugstangenführung (f) draw-bar guide guidage (m) *ou* guide (m) de crochet de traction		направляющія (f pl) упряжного крюка guida (f) del gancio di trazione guía (f) del gancho de tracción	8

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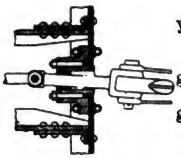
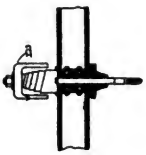
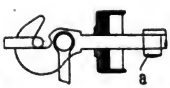
1	Zugstangenführungsmuffe (f) draw-bar guide sleeve manchon (m) *ou* douille (f) de tige de traction (f)	a	направляющая муфта (f) *или* втулка (f) тягового стержня *или* упряжной тяги boccola (f) *o* manicotto (m) di guida dell'asta di trazione manguito-guía (m) de la varilla de tracción
2	Zughakenschild (m), Befestigungsplatte (f) der Führungsmuffe draw-bar plate contre-plaque (f) du manchon *ou* de la douille	b	плита (f) для закрѣпленія направляющей муфты; фланецъ (m) направляющей втулки piastra (f) d'attacco della boccola di guida *o* del manicotto placa (f) de sujeción del manguito-guía
3	seitwärts beweglicher Zughaken (m) draw hook with side-play crochet (m) de traction à déplacement latéral *ou* articulé		упряжной *или* тяговой крюкъ (m), имѣющій боковое движеніе gancio (m) di trazione a spostamento laterale gancho (m) de tracción con desplazamiento lateral *ó* articulado
4	Fangvorrichtung (f), Hubbegrenzer (m) catch arrangement, draw spring stop appareil (m) *ou* étrier (m) de retenue *ou* de butée		приспособленіе (n) для смягченія ударовъ apparecchio (m) di ritenuta aparato (m) *ó* estribo (m) de retenida
5	Anschlagbügel (m), Fangbügel (m) stop *or* check piece, spring socket étrier (m) de butée	a	упорная скоба (f) staffa (f) di trazione e di ritenuta abrazadera (f) de tope
6	Keilsicherung (f) der Zugstange cotter fastening for draw-bar clavetage (m) de sûreté de la barre de traction		закрѣпленіе (n) тягового стержня *или* упряжной тяги чекой collegamento (m) a bietta dell'asta di trazione, chiavettamento (m) di sicurezza acuñado (m) de seguridad de la barra de tracción
7	Fangkeil (m) cotter clavette (f) de butée	a	упорный клинъ (m); упорная чека (f) bietta (f) d'arresto, chiavetta (f) di sicurezza clavilla (f) de tope *ó* de fin de carrera

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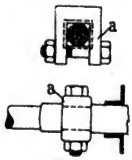
Klammersicherung (f) der Zugstange
draw-bar clamped stop
agrafage (m) de sûreté de la tige de traction



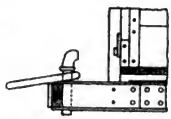
снабженіе (n) тягового стержня *или* упряжной тяги скобой
staffa (*f*) dell'asta di trazione 1
brida-seguro (f) *ó* brida (f) de seguridad de la varilla de tracción

Fangkloben (m)
check-clamp, stop block
étrier (m) de butée

a

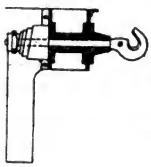
упорная скоба (f)
arpione (m) d'arresto, chiavarda (f) della staffa 2
brida (f) de la corredera de tope de la varilla de tracción

starre *oder* feste Zugvorrichtung (f)
non elastic *or* rigid draw gear
attelage (m) rigide



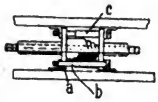
жёсткій тяговой *или* упряжной приборъ (m)
attacco (m) di trazione rigido 3
enganche (m) *ó* atalage (m) rigido

elastische Zugvorrichtung (f), federnde Zugvorrichtung (f)
elastic *or* spring draw gear
appareil (m) de traction élastique, attelage (m) à ressort



пружинящій тяговой приборъ (m); эластичный упряжной приборъ
apparecchio (m) di trazione elastico 4
aparato (m) de tracción *ó* enganche (m) de resorte

Zugfeder (f), Zugstangenfeder (f)
draw-spring, draft spring (A)
ressort (m) de [la tige de] traction



тяговая рессора (f)
molla (f) di trazione
muelle (m) de [la varilla de] tracción 5

Zugfederplatte (f), Druckplatte (f), Zugfedervorlage (f), Federsitzscheibe (f)
pressure disc *or* washer
plaque (f) *ou* disque (m) de pression

a

упоръ (m) тяговой рессоры
piastra (f) *o* disco (m) di pressione 6
placa (f) *ó* disco (m) de presión

Leitstange (f), Führungsstange (f), Führungsbolzen (m)
guide bar *or* rod
tige (f) de guidage

b

направляющая тяга (f)
asta (f) di guida
varilla (f) de guía 7

Fanghülse (f)
stop *or* abutment sleeve *or* cradle
douille (f) de butée

c

упорная гильза (f)
collare (m) *o* manicotto (m) d'arresto
manguito-tope (m), manguito (m) de fin de carrera 8

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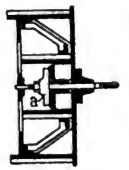
1 Zugkastenleitschiene (f) draw-bar guide glissière (f) de la boîte du ressort de traction

a

направляющій рельсъ (m) тягового прибора guida (f) dell'apparecchio di trazione resbaladera (f) de la caja del muelle tractor

2 zweifederige Zugvorrichtung (f) draw gear with two springs attelage (m) à deux ressorts



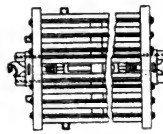
тяговой приборъ (m) съ двумя рессорами attacco (m) di trazione a due molle enganche (m) con dos muelles

3 Querhaupt (n) yoke, cross piece traverse (f)

a

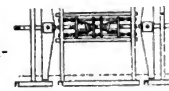
траверса (f); поперечина (f) traversa (f), frontale (m) traviesa (f)

4 nicht durchgehende Zugvorrichtungen (fpl) non continuous draw gear appareils (m pl) d'attelage séparés



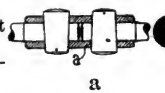
отдѣльные *или* несквозные упряжные (тяговые) приборы (m pl) apparecchi (m pl) d'attacco separati *od* indipendenti aparatos (m pl) de enganche separados

5 durchgehende Zugstange (f) continuous draw-bar tige (f) de traction continue



сквозной тяговой стержень (m); сквозная упряжная тяга (f) asta (f) di trazione continua varilla-pasador (f) de tracción, barra (f) de tracción continua

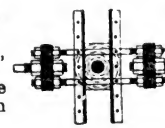
6 Zugstangenmuffe (f), Keilmuffe (f) draw bar sleve joint with cotters manchon (m) d'assemblage claveté



a

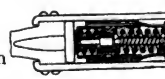
клиновая муфта (f) *или* втулка (f); муфта съ клиньями manicotto (m) di giunzione a chiavette manguito (m) de unión

7 Zugstangenmittelstück (n) draw bar floating frame, draw bar cradle étrier (m) d'assemblage des tiges de traction



средняя часть (f) тягового стержня *или* упряжной тяги pezzo (m) centrale dell'asta di trazione estribo (m) central de unión de las varillas de tracción

8 Reibungszugvorrichtung (f) friction draft gear (A) appareil (m) de traction à friction



тяговой приборъ (m) съ буферомъ трения dispositivo (m) di respingente a frizione *o* per attrito aparato (m) de tracción de rozamiento

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Anziehen (n) des Zuges
tightening of the couplings
serrage (m) des attelages

натяженіе (n) поѣзда [при трогании съ мѣста]
stringimento (m) degli attacchi *1*
atornillado (m) *ó* ajuste (m) de los enganches

Auflaufen (n) des Zuges
closing up *or* running up *or* crowding of the carriages
mise (f) en contact des tampons, tassement (m) du train

набѣганіе (n) поѣзда
urto (m) dei respingenti *2*
apretamiento (m) de los topes

der Zug läuft auf
the carriages etc. crowd together *or* close up
les wagons se tassent

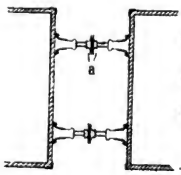
поѣздъ (m) набѣгаетъ
i vagoni si restringono *o* si raggruppano *3*
los vagones dan topetadas

Strecken (n) des Zuges
stretching of the couplings, taking up the slack
allongement (m) *ou* distension (f) des attelages

растяженіе (n) поѣзда
allungamento (m) *o* distendimento (m) degli attacchi *4*
alargamiento (m) *ó* extensión (f) de los enganches

der Zug streckt sich
the couplings are stretched
les attelages se tendent

поѣздъ (m) растянутъ
il treno si distende *5*
los enganches se extienden



Stoßvorrichtung (f)
buffer gear
appareil (m) de choc

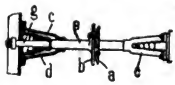
буферный *или* ударный приборъ (m)
apparecchio (m) di repulsione *6*
aparato (m) de choque

Puffer (m), [Buffer (m)]
buffer, bumper (A)
tampon (m) de choc

a

буферъ (m)
respingente (m), repulsore (m), paraurti (m) *7*
tope (m)

Tellerpuffer (m), Scheibenpuffer (m)
plate *or* disc buffer
tampon (m) de choc à rondelles (Belleville)



тарельчатый буферъ (m)
respingente (m) a disco *8*
tope (m) de arandelas (Belleville)

gewölbter Puffer (m)
convex buffer
tampon (m) bombé

a

буферъ (m) съ выпуклой тарелкой
respingente (m) convesso *9*
tope (m) bombeado

flacher Puffer (m)
flat buffer
tampon (m) plat

b

плоскій буферъ (m)
respingente (m) piatto *10*
tope (m) plano

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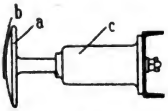
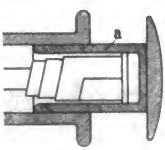
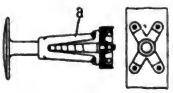
1	Puffergehäuse (n) buffer shell, buffer casing boisseau (m) de tampon	c	буферный стаканъ (m); буферная гильза (f) astuccio (m) *o* custodia (f) del respingente caja-guía (f) de la varilla de tope
2	Pufferfeder (f) buffer spring ressort (m) de tampon *ou* de choc	d	буферная рессора (f) molla (f) del respingente muelle (m) de tope
3	Pufferschaft (m), Pufferstempel (m) buffer plunger tige (f) de tampon	e	стержень (m) буфера collo (m) del respingente vástago (m) de tope
4	Pufferstange (f) buffer shank *or* plunger *or* rod, buffer stem (A) tige (f) de tampon	g	буферный стержень (m) asta (f) del respingente vástago (m) de tope
5	Pufferscheibe (f), Pufferteller (m) buffer head *or* disc plateau (m) *ou* disque (m) de tampon	 a	тарелка (f) буфера; буферная тарелка disco (m) del respingente platillo (m) *ó* disco (m) del tope
6	Pufferstoßfläche (f) buffer *or* impact face surface (f) de choc de tampon	b	ударная поверхность (f) буфера superficie (f) d'urto del respingente superficie (f) de choque del tope
7	Pufferhülse (f), geschlossenes Puffergehäuse (n) closed buffer case *or* casing *or* shell boisseau (m) de tampon fermé, faux-tampon (m) fermé	c	закрытый *или* глухой буферный стаканъ (m) guida (f) *o* custodia (f) del respingente caja-guía (f) de tope cerrada
8	Pufferstösser (m) buffer plunger *or* ram piston-plongeur (m) du tampon de choc	 a	буферный стержень (m) *или* поршень (m); буферный стержень въ видѣ стакана fusto (m) *o* bossolo (m) del respingente fuste (m) del tope, cámara (f) del tope
9	Korbpuffer (m) buffer with open casing tampon (m) avec boisseau évidé *ou* ouvert		лапчатый буферъ (m) буферъ съ открытымъ стаканомъ respingente (m) a custodia aperta tope (m) de caja-guía abierta

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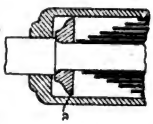
Pufferkorb (m), Pufferkreuz (n), offenes Puffergehäuse (n), Pufferköcher (m)
open buffer casing
boisseau (m) de tampon ouvert, faux-tampon (m) évidé



открытый буферный стаканъ (m); лапчатый буферный стаканъ
custodia (m) di respingente aperta
caja-guía (f) de tope abierta

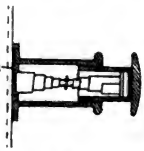
1

Stoßscheibe (f)
thrust plate
disque (m) de pression du ressort de tampon

дискъ (m) внутри буфера, передающій ударъ пружинѣ
disco (m) di repulsione *o* del paraurti
disco (m) de presión del resorte del tope

2

Puffergrundplatte (f)
buffer base plate *or* spring seating
plaque (f) d'appui du ressort de tampon, contre-plaque (f) du boisseau



буферная задняя шайба (f); подкладка (f) *или* поддонъ (m) подъ буферный стаканъ
disco (m) *o* base (m) d'appoggio del respingente
placa (f) de asiento del tope

3

Kegelfeder (f), Wickelfeder (f), [Evolutfeder (f)]
volute spring
ressort (m) à volute *ou* en hélice conique

спиральная рессора (f) *или* пружина (f)
molla (f) a bovolo
resorte (m) en volutas cónico

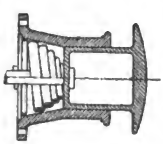
4

Kegelfeder (f) mit rechteckigem Querschnitte
rectangular section volute spring
ressort (m) à volute [à section] rectangulaire

спиральная рессора (f) *или* пружина (f) [изъ листовъ] прямоугольнаго сѣченія
molla (m) a bovolo a sezione rettangolare
muelle (m) cónico en volutas de sección rectangular

5

Kegelfeder (f) mit ovalem Querschnitte
oval section volute spring
ressort (m) à volute [à section] ovale



спиральная рессора (f) *или* пружина (f) овальнаго сѣченія
molla (f) a bovolo a sezione ovale
muelle (m) cónico en volutas de sección ovalada

6

Gummipuffer (m), Puffer (m) mit Gummifeder
buffer with india rubber tampon (m) élastique en caoutchouc

резиновый буферъ (m); буферъ съ резиновой прокладкой
respingente (m) a molla di gomma
tope (m) con muelle de caucho

7

Gummifederring (m)
india rubber buffer ring *or* washer
bague (f) élastique en caoutchouc

резиновое пружинящее кольцо (n)
anello (m) elastico di gomma
anillo (m) elástico de caucho

8

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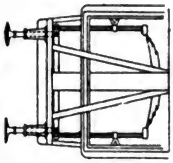
1 Puffer (m) mit Doppelfeder
double spring buffer
tampon (m) à double ressort

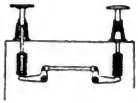
буферъ (m) съ двойной рессорой
respingente (m) a doppia molla
tope (m) de doble muelle

2 Ausgleichpuffer (m) mit Querfeder
equalising *or* compensating buffer with transverse spring
appareil (m) de choc compensateur *ou* à ressort transversal



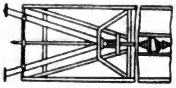
уравнительный *или* компенсирующій буферъ (m); буферъ съ поперечной рессорой
respingente (m) compensatore *od* a molla trasversale *od* a balestra
tope (m) compensador *ó* con resorte transversal

3 Ausgleichpuffer (m) mit Winkelhebeln und Verbindungstange
equalising buffer with bell-cranks and compensation rod
appareil (m) élastique de choc à balancier *ou* à compensation par deux leviers et bielle de renvoi



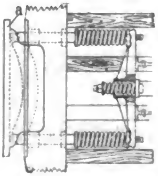
система (f) буферныхъ пружинъ съ колѣнчатыми рычагами и соединительной тягой
dispositivo (m) elastico del respingente a leve a squadra e tirante d'unione
aparato (m) elástico de tope con balancín compensador

4 Pufferdreieck (n)
buffer triangle
triangle (m) de tamponnement



буферный треугольникъ (m)
triangolo (m) del respingente
triángulo (m) de tope

5 Plattenpuffer (m)
plate buffer (A)
tampon (m) à plaques



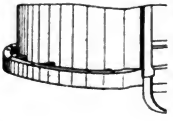
пластинчатый буферъ (m)
respingente (m) a piastre
tope (m) de placa

6 Pufferplatte (f)
buffer plate (A)
plaque (f) de tampon

a

пластина (f) буфера
piastra (f) del respingente
placa (f) de tope

7 bogenförmiger Plattenpuffer (m)
angle-iron bumper
tampon (m) à plaque à surface courbe



листовой дугообразный буферъ (m)
respingente (m) a disco curvo
placa (f) de tope de superficie convexa

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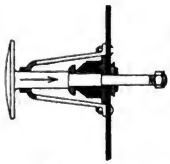
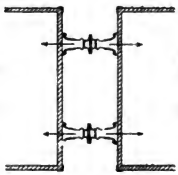
Zusammendrückung (f) der Feder, Zusammenpressung (f) der Feder
compression of spring
compression (f) *ou* aplatissement (m) du ressort



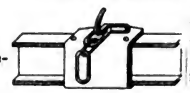
сжиманіе (n) *или* сжатіе (n) пружины
compressione (f) della molla
compresión (f) del muelle
1

Rückstoß (m) der Puffer
recoil of the buffers
réaction (f) du tampon



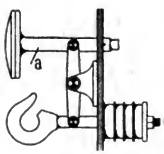
реакція (f) буфера
reazione (f) dei respingenti
reacción (f) del tope
2

Pufferkappe (f)
buffer cap
chape (f) de tamponnement



буферная скоба (f)
capello (m) del respingente
sombrerete (m) de tope
3

Einpufferanordnung (f)
single *or* central buffer arrangement
appareil (m) de choc et traction à un seul tampon



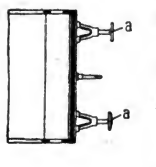
однобуферное устройство (n); конструкція (f) съ однимъ буферомъ
disposizione (f) ad un (solo) respingente
aparato (m) de tracción y de choque con un solo tope
4

Mittelpuffer (m)
central buffer
tampon (m) central

a

центральный буферъ (m)
respingente (m) centrale
tope (m) central
5

Zweipufferanordnung (f)
double *or* side buffer arrangement
disposition (f) à deux tampons



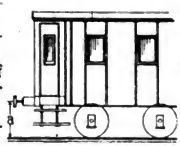
двухбуферное устройство (n); конструкція (f) съ двумя буферами
disposizione (f) a due respingenti
disposición (f) con dos topes
6

Seitenpuffer (m)
side buffer
tampon (m) latéral

a

боковой буферъ (m)
respingente (m) laterale
tope (m) lateral
7

Pufferhöhe (f), Pufferstand (m)
buffer height, height of buffer centre from *or* above rail
hauteur (f) de tamponnement



a

высота (f) центровъ буферовъ
altezza (f) del respingente dal piano del ferro
altura (f) de los topes (altura al nivel del carril)
8

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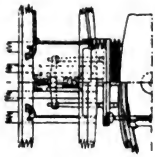
1

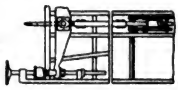
Pufferrahmen (m)
buffer frame
cadre (m) *ou* traverse (f) de choc



буферная рама (f)
traversone (m) d'urto
bastidor (m) de choque

2

vereinigte Zug- und Stoßvorrichtung (f)
combined draw and buffer-gear, combination buffer and draft gear (A)
appareil (m) combiné de traction et choc



комбинированный тяговой и буферный приборъ (m);
apparecchio (m) combinato di trazione e repulsione
aparato (m) combinado de tracción y de choque

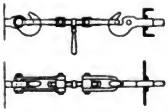
3

Kupplung (f)
coupling
attelage (m), accouplement (m)

сцѣпка (f); стяжка (f)
attacco (m), accoppiamento (m)
enganche (m), atalage (m)

4

Schraubenkupplung (f)
screw coupling
attelage (m) à vis



винтовая сцѣпка (f) *или* стяжка (f); [фиг.:] уленгутовская стяжка
attacco (m) *od* accoppiamento (m) a vite
enganche (m) con tornillo

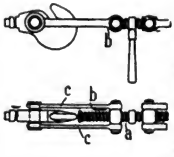
5

Normal-Schraubenkupplung (f)
standard screw coupling
attelage (m) type à vis

нормальная винтовая сцѣпка (f) *или* стяжка (f)
attacco (m) a vite normale
enganche (m) normal con tornillo

6

Spannvorrichtung (f)
tightening-up device
appareil (m) tendeur



затяжка (f); стяжной приборъ (m)
tenditore (m), apparecchio (m) tenditore
tensor (m)

7

Kupplungsspindel (f), Kupplungsschraube (f)
coupling screw
tendeur (m) d'attelage

a

стяжной винтъ (m); винтъ сцѣпки *или* стяжки
vite (f) del tenditore
tensor (m) de rosca de atalage

8

Kupplungsschere (f)
shackle of coupling
étrier (m) *ou* manivelle (f) d'attelage

b—c

сцѣпная серьга (f) *или* петля (f)
tirante (m) d'attacco
estribo (m) de atalage

9

Kupplungslasche (f), Schereneisen (n), Manotte (f)
shackle bar *or* link
bielle (f) d'attelage

c

поводокъ (m); струна (f)
piastra (f) d'attacco
biela (f) de estribo de atalage

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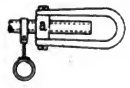
Kupplungsmutter (f)
gudgeon *or* coupling nut
écrou (m) [à tourillons] de tendeur

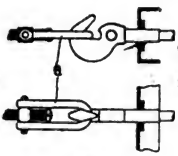


a

гайка (f) стяжного винта
madrevite (f) *o* chiocciola (f) del tenditore
tuerca (f) de tensor

1

Kupplungsbügel (m), Einhängebügel (m)
looped *or* bent coupling link
manille (f) du tendeur d'attelage

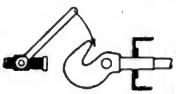


a

сцѣпная скоба (f) *или* серьга (f)
staffa (f) *o* braga (f) del tenditore
estribo (m) del tensor de atalage

2

Einhängen (n) des Kupplungsbügels
putting on the coupling link
accrochage (f) de la manille du tendeur d'attelage



надѣваніе (n) сцѣпной скобы; наложеніе (n) серьги [на крюкъ]
agganciamento (m) del tenditore
enganche (m) del estribo de atalage

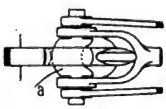
3

Kuppelschwengel (m), Kupplungshebel (m)
turning lever
levier (m) à contrepoids de tendeur d'attelage

стяжная ручка (f); стяжной стержень (m)
manovella (f) del tenditore
palanca (f) de contrapeso del tensor de enganche

4

Jochbolzen (m), Bügelzapfen (m)
trunnion
traverse (f) d'étrier à tourillons

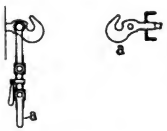


a

сцѣпная скоба (f) *или* серьга (f) съ цапфами
staffa (m) a perno
estribo (m) con gorrón

5

Kuppelglied (n)
coupling member
pièce (f) d'attelage



a

сцѣпной приборъ (m)
organo (m) d'attacco
pieza (f) de enganche *ó* de atalage

6

Eingriff (m) der Kuppelglieder
engagement of the coupling members
accrochage (m) des pièces d'attelage

захватъ (m) сцѣпныхъ приборовъ
collegamento (m) degli organi d'attacco
enganche (m) de las piezas de atalage

7

Kupplungshälfte (f)
one half of the coupling
moitié (f) d'attelage

половина (f) сцѣпки *или* стяжки
metà (f) dell'attacco
mitad (f) del enganche

8

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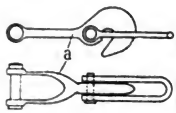
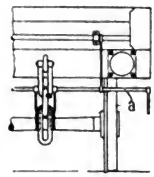
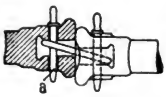
1	Doppelkupplung (f) double [screw] coupling attelage (m) double		двойная сцѣпка (f) *или* стяжка (f) attacco (m) doppio, doppio tenditore (m) tedesco, accoppiamento (m) doppio enganche (m) doble
2	Hauptkupplung (f) main *or* principal coupling attelage (m) principal	a	главная сцѣпка (f) *или* стяжка (f) attacco (m) principale enganche (m) principal
3	Sicherheitskupplung (f), Notkupplung (f) safety *or* emergency coupling attelage (m) de sûreté	b	запасная сцѣпка (f) *или* стяжка (f) attacco (m) di sicurezza enganche (m) de seguridad
4	Sicherheitshaken (m), Scherenhaken (m) safety hook crochet (m) de sûreté	 a	предохранительный крюкъ (m) gancio (m) di sicurezza gancho (m) de seguridad
5	Seitenkupplung (f), seitlich bedienbare Kupplung (f) coupling operated from side attelage (m) [à commande] latéral(e)		сцѣпка (f) съ боковымъ приводомъ attacco (m) laterale, accoppiamento (m) a manovra laterale enganche (m) de funcionamiento lateral
6	Anhebevorrichtung (f) coupler lifting gear appareil (m) de relèvement, releveur (m)	a	приборъ (m) для приподнятія *или* для подъёма [стяжки] apparecchio (m) di sollevamento aparato (m) de levantamiento *ó* desenganche
7	Mittelkupplung (f) central coupling attelage (m) [à commande] central(e)		центральная сцѣпка (f) *или* стяжка (f) attacco (m) centrale enganche (m) [de funcionamiento] central
8	Mittelpufferkupplung (f) central buffer coupling attelage (m) à tampon central		сцѣпка (f) въ буферахъ attacco (m) a ripulsore centrale enganche (m) de tope central
9	Einsteckbolzen (m), Kupplungsbolzen (m) coupling pin cheville (f) d'attelage, cheville (f) d'accouplement	a	соединительный сцѣпной *или* упряжной шкворень (m) caviglia (f) d'attacco clavija (f) *ó* pasador (m) de enganche

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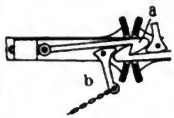
selbsttätige Kupplung (f), [automatische Kupplung (f)]
automatic coupling
attelage (m) automatique

самодѣйствующая стяжка (f); автоматическая сцѣпка (f)
attacco (m) automatico
enganche (m) automático

1

Sperrhakenkupplung (f), Millersche Kupplung (f)
Miller's coupling, Miller's hook coupling
attelage (m) Miller *ou* à crochets de retenue



сцѣпка (f) *или* стяжка (f) Миллера
attacco (m) Miller *od* a gancio di ritenuta
enganche (m) Miller *ó* de ganchos de retenida

2

Sperrhaken (m)
latch hook
crochet (m) de retenue, cliquet (m)

a

защѣпка (f)
gancio (m) di ritenuta
gancho (m) de retenida

3

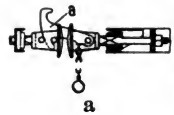
Ausrückhebel (m)
disengaging *or* uncoupling lever
levier (m) déclancheur *ou* de dégagement

b

расцѣпляющій рычагъ (m)
leva (f) di sganciamento
palanca (f) de desenganche

4

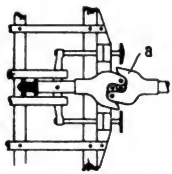
Überfallhaken (m)
drop hook
crochet (m) articulé



захватывающій крюкъ (m)
gancio (m) saliscendi *od* a caduta
gancho (m) articulado

5

Klauenkupplung (f)
claw *or* jaw (A) coupling, M. C. B. standard *or* vertical-plane coupler (A)
attelage (m) à griffes *ou* à mâchoires



сцѣпка (f) защёлками; зубчатая стяжка (f)
attacco (m) ad artigli *od* a griffa
enganche (m) de garras

6

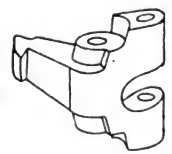
Kupplungskopf (m)
coupler head
tête (f) creuse d'attelage

a

головка (f) сцѣпки
testa (f) dell'attacco
cabeza (m) hueca del enganche

7

Kuppelklaue (f)
knuckle, coupler jaw, jaw of coupling
griffe (f) *ou* mâchoire (f) d'attelage



сцѣпная защёлка (f); сцѣпной зубъ (m)
artiglio (m) d'attacco, griffa (f) d'attacco
garra (f) *ó* mandibula (f) de atalage *ó* de enganche

8

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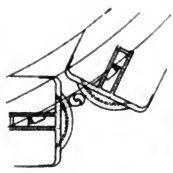
1 Kuppelbolzen (m)
knuckle pin
cheville (f) de couplage *ou* d'attelage

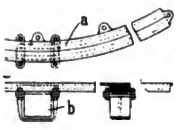
сцѣпной болтъ (m); болтъ сцѣпки
bullone (m) d'attacco
clavija (f) de acoplamiento

2 seitlich bewegliche Klauenkupplung (f)
movable claw *or* jaw (A) coupling, radial coupler (A)
accouplement (m) à griffes articulées pour les courbes



сцѣпка (f) защёлками *или* зубцами, движущимися по кривой; стяжка (f) съ поворотными стержнями
accoppiamento (m) ad artiglio snodato in curva
acoplamiento (m) de grapas articuladas para curvas

3 Kupplungsgleitbogen (m)
guide *or* carrier arc (A)
courbe (f) de glissement de l'accouplement



дуга (f) скольженія сцѣпки
arco (m) di guida dell'accoppiamento
arco (m) de deslizamiento del acoplamiento

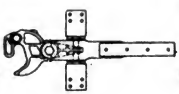
a

4 Kupplungstragbügel (m)
carrier yoke, carry iron (A)
étrier (m) de fixation de la courbe

b

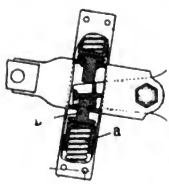
поддерживающій хомутъ (m) *или* бугель (m) сцѣпки
staffa (f) portante dell'accoppiamento
estribo (m) de fijación del acoplamiento

5 Kupplung (f) mit beweglichem Kupplungskopfe
flexible head coupler
accouplement (m) à tête articulée



сцѣпка (f) съ подвижной головкой
accoppiamento (m) a testa snodata
acoplamiento (m) con cabeza articulada

6 Mittelstellfeder (f)
centering spring
ressort (m) de rappel



возвращающая пружина (f)
molla (f) di richiamo
resorte (m) centrador

a

7 Rückstelldaumen (m)
centering finger
doigt (m) de rappel

b

возвращающій кулакъ (m)
pezzo (m) centratore, pezzo (m) di richiamo
dedo (m) centrador

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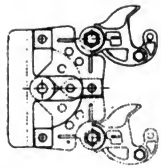
Kupplung (f) für Fahrzeuge von verschiedener Spurweite
narrow and broad gauge combination coupler
accouplement (m) pour véhicules de voies à écartements différents



сцѣпка (f) для разноколейнаго подвижного состава
accoppiamento (m) per veicoli a scartamento diverso *1*
acoplamiento (m) para vehículos de vías de anchuras diferentes

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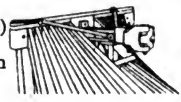
Vorläuferkupplung (f)
cow-catcher *or* pilot (A) coupler
accouplement (m) en avant du chasse-bestiaux



передняя сцѣпка (f) при щитѣ паровоза
accoppiamento (m) al cacciabuoi *2*
acoplamiento (m) delante del quita-piedras

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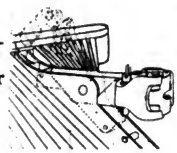
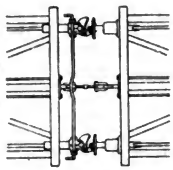
umlegbare Vorläuferkupplung (f), Schwenkkopf (m)
reversible pilot coupler
accouplement (m) à pivot en avant du chasse-bestiaux



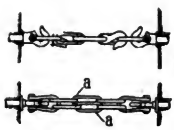
откидная передняя сцѣпка (f) при щитѣ паровоза
accoppiamento (m) al cacciabuoi rovesciabile *3*
acoplamiento (m) reversible delante del quita-piedras

Übergangskupplung (f)
transition *or* combination *or* transitory coupling
accouplement (m) temporaire *ou* provisoire



переходная сцѣпка (f); стяжка (f) переходныхъ площадокъ
attacco (m) di passaggio *o* transitorio *4*
acoplamiento (m) provisorio

Kettenkupplung (f)
chain coupling
attelage (m) à chaine[s]



цѣпная сцѣпка (f); сцѣпка цѣпями
attacco (m) a catena *5*
enganche (m) de cadenas

Kuppelkette (f)
link chain, coupling chain
chaine (f) d'attelage

цѣпь (f) сцѣпки
catena (f) d'attacco *6*
cadena (f) de enganche

Notkette (f)
side *or* safety chain
chaine (f) de sûreté

запасная цѣпь (f)
catena (f) di sicurezza *7*
cadena (f) de seguridad

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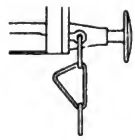
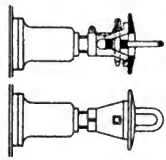
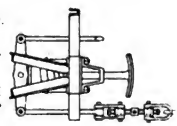
1	Notkettenhaken (m) side *or* safety chain hook crochet (m) de chaîne de sûreté	a	крюкъ (m) запасной цѣпи gancio (m) della catena di sicurezza gancho (m) de la cadena de seguridad
2	Kettenkloben (m) side *or* safety chain eye bolt piton (m) de chaîne de sûreté	b	державка (f) для цѣпи porta-catena (m) armella (f) de cadena de seguridad
3	Kuppelkette (f) mit Dreiecksglied coupling chain with triangular link chaîne (f) d'attelage à chaînon *ou* maillon triangulaire		сцѣпная цѣпь (f) съ треугольными звеньями catena (f) d'attacco a maglia triangolare cadena (f) de enganche de eslabón triangular
4	Gelenkkupplung (f) articulated coupling attelage (m) articulé *ou* à articulation		шарнирная сцѣпка (f) attacco (m) articolato *od* a snodo enganche (m) articulado *ó* de articulación
5	Trichterkupplung (f) coupling with funnel shaped head, bell-mouthed coupling attelage (m) à tulipe		воронкообразная сцѣпка (f) attacco (m) ad imbuto enganche (m) cónico
6	Hebelkupplung (f) mit Spannschrauben lever and screw coupling attelage (m) à vis et leviers		рычажно-винтовая стяжка (f) *или* сцѣпка (f) attacco (m) a vite e leva enganche (m) por tornillos y palancas
7	zweiteilige Kupplung (f) mit Ausgleichhebel coupling with equalizing lever attelage (m) en deux pièces avec balancier compensateur		двойная сцѣпка (f) *или* стяжка (f) съ балансиромъ ttacco (m) in due pezzi con leva compensatrice, accoppiamento (m) a due tenditori a bilanciere anche (m) en dos iezas con balancín compensador
8	Gruppenwagenkupplung (f), Kurzkupplung (f) coupling for groups of wagons attelage (m) pour groupe de wagon		групповая вагонная сцѣпка (f) *или* стяжка (f) attacco (m) per gruppi di vetture enganche (m) para grupo de vagones

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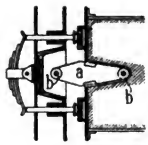
Tenderkupplung (f)
tender coupling
attelage (m) de tender

сцѣпка (f) тендера
attacco (m) del tender 1
enganche (m) de ténder

Stangenkupplung (f)
rod *or* bar coupling
attelage (m) à barres



брусчатая сцѣпка (f)
или стяжка (f)
attacco (m) con aste, accoppiamento (m) ad aste 2
atalage (m) *ó* enganche (m) de barras

Kupplungstange (f), Zugeisen (n)
drawbar, dragbar (A)
barre (f) d'attelage

a

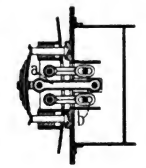
сцѣпной брусокъ (m); сцѣпная застёжка (f) *или* тяга (f)
asta (f) d'attacco, tirante (m) 3
barra (f) de atalage *ó* enganche

Kupplungstangenauge (n)
eye of drawbar *or* dragbar (A)
œil (m) de barre d'attelage

b

ушко (n) сцѣпного бруска
occhio (m) dell'asta d'attacco 4
ojo (m) de la barra de atalage *ó* enganche

Hauptzugstange (f), Hauptkupplungstange (f)
main drawbar *or* dragbar (A)
barre (f) d'attelage principale



a

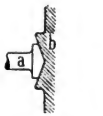
главный сцѣпной брусокъ (m); среднее сцѣпленіе (n)
asta (f) d'attacco principale 5
barra (f) principal de atalage *ó* enganche

Notzugstange (f), Notkupplungstange (f)
emergency *or* safety drawbar
barre (f) d'attelage de sûreté

b

запасной сцѣпной брусокъ (m); боковое сцѣпленіе (n)
asta (f) d'attacco di sicurezza 6
barra (f) de seguridad de atalage *ó* enganche

prismatischer Stoßpuffer (m), Schlingerpuffer (m)
prismatic buffer head
tampon (m) prismatique



a

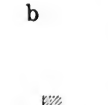
призматическій [ударный] буферъ (m)
repulsore (m) prismatico 7
tope (m) prismático

Stoßplatte (f), Stoßpfanne (f), Druckplatte (f)
rubbing *or* buffer *or* impact plate
plaque (f) de choc

b

подушка (f)
piastra (f) d'urto 8
placa (f) de choque

halbkugeliger *oder* balliger Stoßpuffer (m)
semi-spherical buffer-head
tampon (m) demi-sphérique



полуцилиндрическій [ударный] буферъ (m) 9
repulsore (m) semi-sferico
tope (m) semi-esférico

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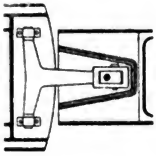
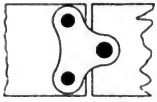
1 Dreieckskupplung (f)
triangular coupling
attelage (m) à barre rigide pivotante



треугольная сцѣпка (f) *или* стяжка (f)
attacco (m) a triangolo
enganche (m) de barra rígida giratoria

---

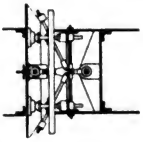
2 Dreibolzenkupplung (f)
three-pin coupling
attelage (m) à trois chevilles



трёхболтовая сцѣпка (f); трёхшкворневая стяжка (f)
attacco (m) a tre spine
enganche (m) de tres clavillas

---

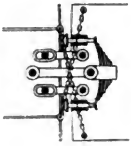
3 Querkupplung (f)
transverse coupling
attelage (m) transversal



поперечная сцѣпка (f) *или* стяжка (f)
attacco (m) obliquo
enganche (m) transversal

---

4 gekreuzte Zugketten (f pl)
diagonal *or* crossed coupling chains
chaînes (f pl) d'attelage croisées



скрещенныя тяговыя цѣпи (f pl)
catene (f pl) d'attacco incrociate
cadenas (f pl) de enganche cruzadas

---

5 gekreuzte Kupplungstangen (f pl)
crossed coupling bars
barres (f pl) d'attelage croisées

скрещенные сцѣпные бруски (m pl)
aste (f pl) d'attacco incrociate
barras (f pl) de enganche cruzadas

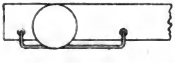
---

6 Wagenkuppler (m)
man who couples (shunter)
atteleur (m)

сцѣпщикъ (m)
agganciatore (m) di vagoni
enganchador (m), desenganchador (m)

---

7 Kupplerhandgriff (m)
coupling handrail *or* hand-hold (A)
poignée (f) d'atteleur



ручка (f) *или* по́ручень (m) для сцѣпщика
passamano (m) per l'agganciatore
manija (m) del enganchador

---

8 die Wagen kuppeln (v)
to couple the carriages *or* wagons *or* cars (A)
atteler (v) *ou* accoupler (v) *ou* accrocher (v) les wagons

сцѣплять вагоны
attaccare (v) *od* agganciare (v) *od* accoppiare (v) i vagoni
enganchar (v) los vagones

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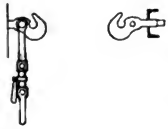
die Wagen entkuppeln (v)
to uncouple the carriages etc.
dételer (v) *ou* dé[sac]coupler (v) *ou* décrocher (v) les wagons

отцѣплять *или* расцѣплять вагоны
sganciare (v) i vagoni 1
desenganchar (v) los vagones



gelöste Kupplung (f)
open *or* disengaged coupler *or* coupling
position (f) ouverte de l'attelage, position (f) du tendeur décroché

положеніе (n) разъединённаго сцѣпленія
posizione (f) aperta dell'attacco 2
posición (f) abierta del enganche *ó* del tensor desenganchado

---

eingehängte Kupplung (f)
closed *or* engaged coupler *or* coupling
position (f) fermée de l'attelage, position (f) du tendeur accroché

положеніе (n) соединённаго сцѣпленія
posizione (f) chiusa dell'attacco, posizione (f) d'attacco *od* agganciata (f) dell' accoppiamento 3
posición (f) cerrada del enganche *ó* del tensor enganchado

---

die Kupplung schließen (v) *oder* einhängen (v)
to set *or* to lock the coupler *or* coupling
faire (v) l'attelage

сцѣп-ить (-лять)
serrare (v) l'attacco 4
cerrar (v) el enganche

---

die Kupplung lösen (v)
to release *or* to disengage the coupler *or* coupling
défaire (v) l'attelage

отцѣп-ить (-лять)
allentare (v) l'attacco 5
deshacer (v) *ó* abrir (v) el enganche

---

fest *oder* starr kuppeln (v)
to couple rigidly
accoupler (v) d'une manière rigide

сцѣплять натуго
accoppiare (v) rigidamente 6
acoplar (v) rigidamente

---

lose kuppeln (v)
to couple flexibly
accoupler (v) par attelage lâche

сцѣплять свободно
accoppiare (v) lentamente 7
enganchar (v) con atalage flojo

---

die Kupplung spannen (v)
to tighten the coupling
serrer (v) l'attelage

натянуть сцѣпку
tendere (v) l'attacco 8
tensar (v) el enganche

Zugtrennung (f)
break away *or* parting of the train
coupure (f) du train

разрывъ (m) поѣзда
divisione (f) del treno, tagliare (m) del treno 9
separación (f) *ó* división (f) del tren

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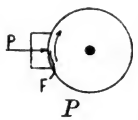
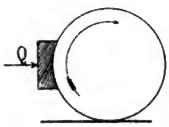
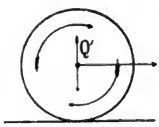
	Reißen (n) der Kupplung		разрывъ (m) сцѣпки
1	fracture *or* breaking of coupling		rottura (f) dell'attacco
	rupture (f) d'attelage		ruptura (f) del enganche
	die Kupplung reißt		сцѣпка (f) разрывается
2	the coupling breaks		l'attacco si rompe *o* si spezza
	l'attelage se rompt		el enganche se rompe
	Bremsvorrichtungen		**Приспособленія для торможенія**
3	**Brake Apparatus**		**Apparecchi per frenare**
	Appareils de freinage		**Medios de parar los trenes**
	Bremse (f)		тормазъ (m)
4	brake		freno (m)
	frein (m)		freno (m)
	Bremsdruck (m)		тормазное *или* тормазящее давленіе (n)
5	brake pressure		pressione (f) frenante
	pression (f) du frein	P	presión (f) del freno
	Bremskraft (f)		сила (f) тормаженія; тормазящая сила
	brake power		forza (f) frenante
6	force (f) de freinage, effort (m) tangentiel du frein	$P \cdot F$	fuerza (f) de frenage, esfuerzo (m) tangencial
	Bremswiderstand (m)		тормазное сопротивленіе (n)
	brake resistance		resistenza (f) frenante
7	résistance (f) de freinage, effort (m) rétardateur du frein		resistencia (f) de frenage, esfuerzo (m) retardador
	gleitende Reibung (f)		скользящее треніе (n); треніе при скольженіи; треніе перваго рода
8	sliding friction		attrito (m) radente
	frottement (m) de glissement	$R \cdot Q \cdot m$	rozamiento (m) de rodadura
	rollende Reibung (f)		треніе (n) при каталіи *или* качены; треніе при перекатываніи; катящее треніе; треніе второго рода
9	rolling friction		attrito (m) volvente *o* di scorrimento
	frottement (m) de roulement	$R \cdot Q \cdot n$	rozamiento (m) de resbalamiento
	Reibungsziffer (f), Reibungskoeffizient (m)		коэффиціентъ (m) треніе
10	coefficient of friction	$m\,;\ n$	coefficiente (m) d'attrito
	coefficient (m) de frottement		coeficiente (m) de rozamiento

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Bremsarbeit (f)
braking effort *or* energy
travail (m) de freinage

тормазная работа (f); работа тормаженія
lavoro (m) di frenatura
trabajo (m) del freno
1

Bremswirkung (f)
brake action
action (f) du frein, freinage (m)

тормаженіе (n); дѣйствіе (n) тормаза
azione (f) frenante
efecto (m) de freno, frenage (m)
2

---

stoßfreie Bremswirkung (f)
brake action without shock
action (f) du frein sans chocs, freinage (m) sans chocs

тормаженіе (n) безъ толчковъ; плавное тормаженіе
azione (f) frenante senza urti
frenage (m) sin choques ó continuo
3

---

die Bremswirkung abstufen (v)
to graduate the braking effect
graduer (v) l'action du frein

тормазить постепенно *или* по степенямъ
frenare (v) gradatamente, graduare (v) l'azione del freno
frenar (v) por grados
4

---

bremsen (v)
to brake
freiner (v)

тормазить
frenare (v)
frenar (v)
5

Bremsung (f), Bremsen (n)
braking
freinage (m)

тормаженіе (n); затормаживаніе (n)
il frenare (m)
acción (f) de frenar, frenado (m)
6

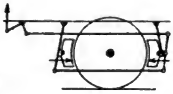
---

bremsbar (adj)
capable of being braked
freinable (adj)

тормазной; . . . съ приспособленіемъ для тормаженія
frenabile (agg)
que se puede frenar
7

---

die Bremse anziehen (v) *oder* ansetzen (v) *oder* anstellen (v)
to put on *or* apply the brake
serrer (v) *ou* appliquer (v) le frein



притянуть *или* подтянуть *или* нажать тормазъ; привести въ дѣйствіе тормазъ
chiudere (v) *o* stringere (v) *od* azionare (v) il freno
poner (v) en acción el freno, apretar (v) el freno
8

Vollbremsung (f)
full application of the brake
freinage (m) à bloc

полное тормаженіе (n)
frenare (m) a tutta forza
frenage (m) por completo
9

Bremsstellung (f)
"on" position, position of brake application
position (f) de serrage du frein

положеніе (n) тормаженія; нажатый тормазъ (m)
posizione (f) di chiusura del freno
posición (f) de cierre ó de apriete de freno
10

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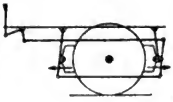
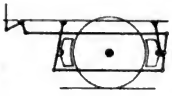


1
die Bremse lösen (v), entbremsen (v)
to take off *or* release the brake
desserrer (v) le frein, défreiner (v)

оттормаживать; растормаживать; отпустить тормазъ [колодки]
aprire (v) *od* allentare (v) il freno
abrir (v) *ó* soltar (v) los frenos

2
Entbremsung (f), Lösung (f) der Bremse
brake release, releasing of the brake
desserrage (m) du frein, défreinage (m)

оттормаживаніе (n); растормаживаніе (n); отпускъ (m) тормаза
allentamento (m) del freno
[acción (f) de] soltar los frenos



3
gelöste *oder* offene Bremse (f)
brake off *or* released
frein (m) lâché *ou* desserré

отпущенный тормазъ (m)
freno (m) aperto *od* allentato
freno (m) abierto *ó* soltado

4
gebremstes Zuggewicht (n), Bremsbrutto (n)
total weight to be braked
poids (m) freiné du train, poids (m) brut à freiner *ou* à enrayer

тормазной вѣсъ (m) поѣзда; нагрузка (f) на тормазныя оси въ поѣздѣ
peso (m) del treno frenato (su cui agiscono i freni)
peso (m) frenado del tren, peso (m) bruto que ha de frenar

5
Bremshundertstel (pl), Bremsprozente (pl)
percentage of brake power
résistance (f) en pourcent de poids freiné, pourcentage (m) de freinage

тормазной процентъ (m); тормазной вѣсъ (m) поѣзда, отнесённый къ полному вѣсу поѣзда; процентное отношеніе (n) тормазного вѣса къ полному вѣсу поѣзда
percentuale (f) del peso frenante
resistencia (f) en tantos por cientos del peso frenado

6
Bremsweg (m), Bremslänge (f)
braking length *or* distance
chemin (m) parcouru après application des freins

путь (m), пройденный на тормазахъ; длина (f) тормаженія остановки; путь, пробѣгаемый съ момента тормаженія до полной остановки поѣзда
strada (f) percorsa durante il frenamento
camino (m) recorrido después de frenar por completo

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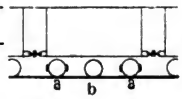
Schließweg (m)
distance travelled from commencement to full application of brake
chemin (m) parcouru jusqu'au serrage complet des freins

путь (m), пройденный во время притягиванія колодокъ
strada (f) percorsa durante la chiusura dei freni *1*
camino (m) recorrido hasta el apriete completo de los frenos

Bremswagen (m), bremsbarer Wagen (m)
braked carriage *or* wagon *or* car (A)
wagon (m) á frein



вагонъ (m) съ тормазомъ; тормазной вагонъ
vagone (m) munito di freno *2*
vagón (m) que se puede frenar

Bremsachse (f), bremsbare Achse (f)
braked axle
essieu (m) freiné

a

тормазная ось (f)
sala (f) frenabile
eje (m) que se puede frenar *3*

---

ungebremste Achse (f)
unbraked axle
essieu (m) non freiné

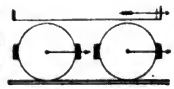
b

нетормазная ось (f)
sala (f) non frenabile *o* senza freno *4*
eje (m) no frenado

Bremswagen (m) (Wagen zur Verstärkung der Bremswirkung)
brake-van
wagon-frein (m)

тормазной [тяжёлый] вагонъ (m)
vagone (m) con azione frenante, vagone-freno (m) *5*
vagón-freno (m)

Schleifen (n) der Räder auf den Schienen
skidding of the wheels
patinage (m) des roues sur les rails



скольженіе (n) колёсъ по рельсамъ
slittamento (m) delle ruote sulle rotaie *6*
patinaje (m) de las ruedas sobre los carriles

Feststellen (n) der Achsen
locking of the axles
blocage (m) des essieux

остановка (f) *или* прекращеніе (n) вращенія осей; полная остановка (f) осей *7*
bloccatura (f) degli assi
bloqueo (m) de los ejes

Rollgrenze (f)
rolling limit
limite (f) de roulement

предѣлъ (m) катанія
limite (m) di scorrimento *8*
limite (m) de rodadura

Bremswert (m)
brake value, retardation efficiency
valeur (f) de la résistance de freinage

тормазной эффектъ (m); отношеніе (n) силы нажатія тормаза къ давленію отъ колеса на рельсъ *9*
valore (m) del frenamento
valor (m) de la resistencia de frenage *ó* freno

Bremsausrüstung
brake equipment
équipement (m) des freins

полное устройство (n) тормаза; тормазное оборудованіе (n) *10*
accessori (m pl) del freno
equipo (m) de los frenos

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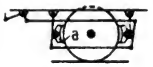
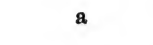
1 Klotzbremse (f), Backenbremse (f)
shoe brake
frein (m) à sabots



тормазъ (m) съ колодками
freno (m) a ceppi
freno (m) de zapata *o* de almohadilla

2 Bremsklotz (m)
brake shoe *or* block
sabot (m) de frein

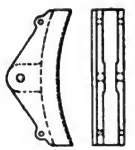


тормазная колодка (f)
ceppo (m), scarpa (f), zoccolo (m)
zapata (f) *ó* almohadilla (f) de freno

3 hölzerner Bremsklotz (m)
wooden brake shoe *or* block
sabot (m) en bois

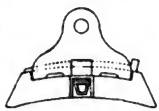
деревянная тормазная колодка (f)
ceppo (m) di legno
zapata (f) de freno de madera

4 Stahlgußklotz (m)
cast-steel brake shoe *or* block
sabot (m) en acier moulé



колодка (f) изъ литой стали; стальная литая колодка
ceppo (m) in acciaio fuso
zapata (f) de acero colado

5 auswechselbare Bremsbacke (f)
renewable *or* »combination« brake shoe
sabot (m) de frein amovible



смѣнная *или* съёмная тормазная колодка (f)
ceppo (m) del freno ricambiabile
zapata (f) de freno cambiable

6 Bremsschuhhalter (m)
brake shoe holder, brake head (A)
porte-sabot (m)

тормазной башмакъ (m)
porta-ceppi (m) del freno
porta-zapata (m) de freno

7 Keilfeder (f)
brake shoe key
ressort (m) de fixation (du sabot)

соединительный клинъ (m)
molla (f) di collegamento
muelle (m) de aplicación (de la zapata)

8 selbsttätig nachstellender Bremsklotzhalter (m)
self-adjusting brake head (A) *or* shoe holder
porte-sabot (m) de frein à réglage automatique

тормазной башмакъ (m), регулирующій автоматически подвѣску колодокъ; тормазной башмакъ съ автоматической остановкой
porta-ceppi (m) a registrazione automatica
porta-zapata (m) de freno de regulación automática

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Bremsfläche (f)
brake-surface
surface (f) frottante, portée (f) du sabot

a

тормозящая поверхность (f); поверхность трения
superficie (f) frenante
superficie (f) de frotamiento de la zapata

1

Gußeisenbacke (f) mit schmiedeisernen Einlagen
cast-iron shoe with wrought-iron inserts
sabot (m) de fonte avec garnitures intérieures en fer forgé

чугунная тормазная колодка (f) съ желѣзными рёбрами *или* вставками
ceppo (m) di ghisa con pezzi interposti di ferro fucinato
zapata (f) de fundición con piezas interpuestas de hierro dulce

2

Bremsbacke (f) mit Streckmetalleinlage
»diamond« brake shoe, brake block with chequered metal bearing surface
sabot (m) de frein à garniture intérieure en métal déployé

тормазная колодка (f) съ залитой внутри сѣткой
ceppo (m) con pezzo interposto a griglia
zapata (f) de freno con guarnición interior estriada

3

Bremsbacke (f) mit Stahlrücken
steel backed brake shoe
sabot (m) de frein à monture d'acier

тормазная колодка (f) со стальной спинкой
ceppo (m) con scarpa d'acciaio
zapata (f) de freno con lomo de acero

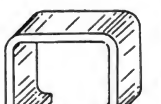
4

Stahlrücken (m)
steel back
monture (f) en acier

стальная спинка (f)
scarpa (f) d'acciaio
lomo (m) de acero

5

Befestigungsklammer (f)
attaching lug *or* clamp
étrier (m) d'attache



закрѣпляющая скоба (f); ушко (n) для укрѣпленія
griffa (f) *o* staffa (f) d'attacco
estribo (m) de fijación

6

Bremsbacke (f) ohne Spurkranzflansch
brake shoe without lip, unflanged brake shoe (A)
sabot (m) de frein uni *ou* sans joue [frottant sur le bourrelet]

тормазная колодка (f) безъ фланца для гребня *или* для реборды
ceppo (m) senza fiangia per l'orletto
zapata (f) de freno sin salida (frotando contra el bordón)

7

Bremsbacke (f) mit Spurkranzflansch, übergreifende Bremsbacke (f)
brake shoe with lip, flanged brake shoe (A)
sabot (m) de frein avec joue [frottant sur le bourrelet]

тормазная колодка (f) съ фланцемъ для гребня *или* для реборды
ceppo (m) con fiangia per l'orletto
zapata (f) de freno con salida (frotando contra el bordón)

8

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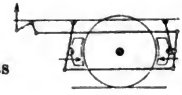
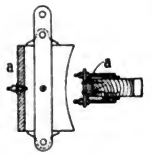
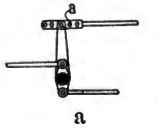
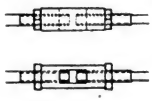
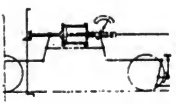
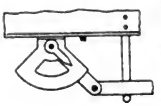
1	die Bremsklötze anpressen (v) to apply the brake blocks appliquer (v) les sabots de frein [sur . . .]		прижать тормазныя колодки [къ . . .]; нажать тормазныя колодки [на . . .] premere (v) i ceppi del freno su . . ., mettere (v) i freni a contatto apretar (v) las zapatas contra . . .
2	Nachstellen (n) des Bremsklotzes adjustment of the brake block réglage (m) du sabot de frein		установка (f) *или* регулированіе (n) тормазной колодки registrare (m) il ceppo del freno reglamento (m) *ó* ajuste (m) de la zapata de freno
3	nacnstellbare Bremsbacke (f) adjustable brake block sabot (m) de frein réglable *ou* à rattrapage d'usure		регулируемая тормазная колодка (f); тормазная колодка съ приспособленіемъ для установки ceppo (m) registrabile zapata (f) de freno regulable
4	Beilagstück (n) liner cale (f) de rattrapage	a	придатокъ (m) pezzo (m) d'inserimento cala (f) de corrigir el juego
5	Nachstelloch (n) adjusting pin hole trou (m) de réglage		дыра (f) для перестановки; отверстіе (n) для регулированія foro (m) di registro agujero (m) de reglamento
6	Nachstellstange (f) adjusting rod tringle (f) de réglage		регулирующая *или* установочная тяга (f) asta (f) di registro varilla (f) de reglamento
7	Stangenschloß (n), Schraubenschloß (n) pull rod adjusting nut, turnbuckle, sleeve nut (A) écrou (m) de réglage de la tringle de frein		винтовая муфта (f) *или* установочная гайка (f) тяги manicotto (m) a vite per l'asta di registro tuerca (f) de reglamento de la varilla de freno
8	Bremsklotzstellvorrichtung (f) brake block adjusting gear dispositif (m) de réglage du sabot de frein		приспособленіе (n) для перестановки *или* регулированія тормазныхъ колодокъ apparecchio (m) di registrazione del ceppo disposición (f) para ajustar la zapata de freno
9	Hubanzeiger (m) stroke-indicating gear indicateur (m) du réglage		указательный приборъ (m); указатель (m) apparecchio (m) *od* indicatore (m) ad indice disposición (f) indicadora

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selbsttätige Nachstellvorrichtung (f) für Bremsgestänge
automatic slack adjuster (A)
appareil (m) de réglage automatique de la timonerie de frein

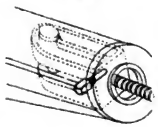
приспособленіе (n) для автоматической перестановки тормазныхъ рычаговъ; автоматическій компенсаторъ (m) износа колодокъ 1
apparecchio (m) autoregistratore per aste dei freni
disposición (f) de reglamento automático para varillas de freno

Nachstellspindel (f)
adjusting screw *or* spindle
tige (f) filetée *ou* vis (f) de réglage

a

перестанавливающій винтовой стержень (m); регулирующій шпиндель (m) 2
asta (f) filettata, vite (f) regolatrice
vástago (m) roscado de reglamento *ó* ajuste

Anschlagschraube (f)
stop-screw
vis (f) d'arrêt



упорный винтъ (m) 3
vite (f) di limitazione
tornillo (m) de parada

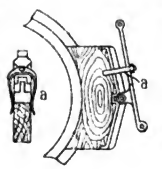
Schleifen (n) des Klotzes am Rade
dragging *or* trailing of the brake block on the wheel
frottement (m) *ou* broutement (m) du sabot sur la roue

трені (n) колодки по колесу 4
scivolamento (m) del ceppo sul cerchione della ruota
resbalamiento (m) de la zapata sobre la rueda

die Bremsklötze schleifen an den Rädern
the brake blocks drag *or* trail on the wheels
les sabots frottent *ou* broutent sur les roues

тормазныя колодки (fpl) трутся по колёсамъ 5
i ceppi sfregano i cerchioni
las zapatas resbalan sobre las ruedas

Reibungsfeder (f)
brake shoe *or* brake block spring
ressort (m) de retenue



a

пружина (f) тормазной колодки
molla (f) di sfregamento 6
muelle (m) de resbalamiento

flache Einstellfeder (f)
flat brake shoe spring
ressort (m) d'application plat

a

ленточная пружина (f) тормазной колодки
molla (f) piana di chiusura 7
muelle (m) plano de aplicación

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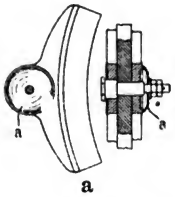
1 Schleiffeder (f) mit Verzahnung
toothed brake shoe spring
ressort (m) de sabot à surface de frottement dentelée

пружина (f) съ защѣпленіемъ [защѣпляющая за зубцы тормазной колодки]
molla (f) di strisciamento con dentellatura
muelle (m) de zapata con superficie de resbalamiento con dentellones

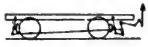
2 Glockenfeder (f)
cup *or* convex *or* saucer washer
ressort (m) en forme de cloche



a

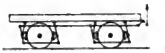
пружина (f) въ видѣ чаши *или* колокола
molla (f) a campana
resorte (m) en forma de campana

3 einklotzige Bremse (f)
single block brake
frein (m) à un seul sabot



тормазъ (m) съ односторонними колодками
freno (m) unilaterale
freno (m) de una zapata

4 zweiklotzige Bremse (f)
double block brake
frein (m) des deux côtés des roues *ou* à deux sabots

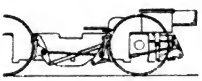


тормазъ (m) съ двусторонними колодками
freno (m) bilaterale
freno (m) de dos zapatas

5 Triebradbremse (f)
driving wheel *or* driver (A) brake
frein (m) de roue motrice

тормазъ (m) ведущихъ колёсъ
freno (m) della ruota motrice
freno (m) de rueda motriz

6 Drehgestellbremse (f)
bogie *or* truck (A) brake
frein (m) de bogie

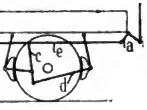


тормазъ (m) телѣжки
freno (m) per carrello
freno (m) de boga

7 Schlußbremse (f)
end brake
frein (m) de queue

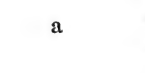
задній *или* концевой *или* хвостовой тормазъ (m)
freno (m) di coda
freno (m) de cola

8 Bremsgestänge (n)
brake rigging
timonerie (f) du frein



рычажная передача (f) къ тормазу
aste (fpl) del freno, timoneria (f) del freno
vástagos (mpl) de impulsión del freno

9 Bremswinkel (m)
bell crank lever
levier (m) *ou* équerre (f) de renvoi *ou* culbuteur (m) de frein



колѣно (n) главнаго тормазного вала
angolo (m) di leva principale
palanca (f) de ángulo de freno

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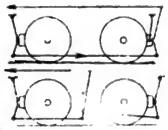
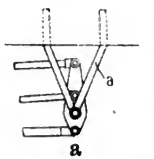
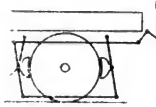
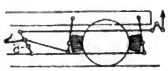
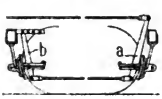
Bremswellenhebel (m) brake shaft lever levier (m) de serrage, balancier (m) du frein	c		рычагъ (m) тормазного вала; [фиг.:] подвѣсный рычагъ тормаза leva (m) dell'albero del freno palanca (f) de apriete, balancín (m) del freno	*1*
Bremszugstange (f) brake [block] pull rod bielle (f) *ou* tringle (f) de serrage du frein	d		тормазная тяга (f) tirante (f) del freno varilla (f) de apriete	*2*
Hauptzugstange (f) main pull rod bielle (f) de traction	e		главная тяга (f) tirante (m) principale varilla (f) de tracción	*3*
Ausgleichgestänge (n), ausgeglichenes Gestänge (n) equilisation *or* compensation brake gear *or* rigging timonerie (f) compensée			уравнительная [тормазная] тяга (f) aste (fpl) di timoneria a compensazione vástagos (mpl) compensados	*4*
Bremswelle (f) brake shaft arbre (m) du frein			тормазной валъ (m) albero (m) del freno árbol (m) del freno	*5*
Bremswellenhalter (m), Bremswellenbock (m) brake shaft bracket *or* carrier support (m) d'arbre de frein		 a	подвѣска (f) тормазного вала sopporto (m) dell'albero del freno soporte (m) del árbol de freno	*6*
schwingende *oder* fliegende Bremswelle (f) floating brake shaft arbre (m) de frein oscillant *ou* flottant		 a	качающійся тормазной валъ (m) albero (m) di freno oscillante árbol (m) de freno oscilante	*7*
festgelagerte Bremswelle (f) fixed brake shaft arbre (m) de frein fixe		 a	неподвижно установленный тормазной валъ (m) albero (m) di freno fisso árbol (m) fijo de freno	*8*
freier Bremshebel (m) live *or* floating lever levier (m) oscillant de commande du frein		 a	подвижной [ведущій] тормазной рычагъ (m) leva (f) motrice del freno palanca (f) oscilante motriz del freno	*9*
festgelagerter Bremshebel (m) dead lever levier (m) commandé	b		тормазной рычагъ (m) съ подвижною точкою [ведомый тормазной рычагъ] leva (f) comandata palanca (f) mandada del freno	*10*

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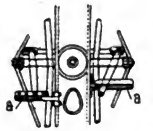
1 Bremshebelverbindung (f)
brake lever coupling bar *or* rod
bielle (f) de connexion des leviers de freins

a

тяга (f) для соединенія тормазныхъ рычаговъ
tirante (m) d'accoppiamento
biela (f) de conexión de las palancas de freno

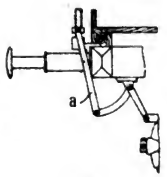
2 Bremshebelführung (f)
brake lever guide *or* stop
guide (m) de levier de frein



a

направляющія (f pl) тормазныхъ рычаговъ
guida (f) della leva del freno
guía (f) de la palanca de freno

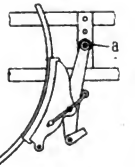
3 Bremszugband (n), Bremszuglasche (f), Bremszugschere (f)
brake pull rod
joue (f) de bielle de frein



a

тяга (f) къ тормазному винту; тормазная тяга ручного привода
tirante (m) del freno
tirante (m) de freno [de hierro plano]

4 Bremsklotzgehänge (n)
brake block suspension arrangement
suspension (f) du sabot



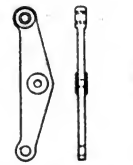
подвѣска (f) тормазныхъ колодокъ
aste (f pl) di sospensione del ceppo
suspensión (f) de la zapata

5 Hängekloben (m)
brake hanger *or* suspension link bracket
tourillon (m) de suspension [de bielle]

a

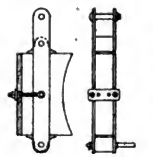
державка (f) *или* опора (f) подвѣски
sopporto (m) di sospensione
gorrón (m) de suspensión [de la varilla]

6 Hängeeisen (n), Bremseisen (n)
brake hanger, suspension link
bielle (f) de suspension, pendant (m) du sabot



подвѣска (f) [желѣзная]
asta (f) di sospensione
varilla (f) de suspensión [de la zapata]

7 doppeltes Gehänge (n)
double hanger
suspension (f) à deux bielles plates



двойная подвѣска (f)
asta (f) di sospensione doppia
suspensión (f) de dos varillas

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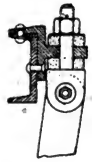
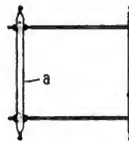
federnde Aufhängung (f) des Bremsklotzes
elastic *or* cushioned suspension of the brake block
suspension (f) élastique du sabot de frein



упругая подвѣска (f) тормазной колодки
sospensione (f) elastica del ceppo
suspensión (f) elástica de la zapata de freno

1

Querstange (f), Bremstraverse (f)
brake traverser *or* cross tie *or* beam (A)
entretoise (f) des leviers de serrage



тормазная поперечина (f)
traversone (m) dei ceppi
traviesa (f) del freno

2

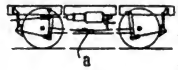
a

Bremsdreieck (n), dreieckige Bremswelle (f)
brake truss bar, trussed brake beam (A)
levier (m) en triangle de frein

тормазной треугольникъ (m)
leva (f) triangolare
triángulo (m) de freno

3

Rückziehfeder (f)
release spring
ressort (m) de rappel

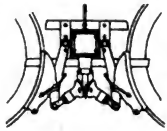


оттягивающая пружина (f)
molla (f) di richiamo
muelle (m) de retracción

4

a

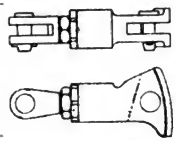
Kniehebelbremse (f)
cam brake
frein (m) à came (à levier coudé)



кулачный тормазъ (m)
freno (m) a leva a bocciuolo
freno (m) de leva acodada *ó* de palanca y uña

5

Kniehebel (m)
cam
levier (m) (coudé) à came



кулакъ (m)
leva (f) a bocciuolo
leva (f)

6

Bremsstangensicherung (f)
brake rod safety device
bride (f) de retenue de la timonerie

предохранительное приспособленіе (n) для тормазныхъ тягъ
dispositivo (m) di sicurezza dei tiranti del freno
estribo (m) de seguridad de los vástagos de freno

7

Fangeisen (n), Fangbügel (m), Fangschlinge (f)
brake safety strap *or* sling
étrier (m) de sûreté *ou* de retenue

предохранительная скоба (f)
gancio (m) *o* staffa (f) di sicurezza
gancho (m) de seguridad

8

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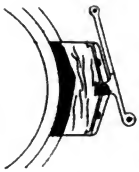
1 Fangkette (f)
brake safety chain *or* link
chaine (f) de sûreté *ou* de retenue

предохранительная цѣпь (f)
catena (m) di sicurezza
cadena (f) de seguridad

2 Erhitzung (f) des Bremsklotzes
heating of the brake shoe *or* block
échauffement (m) du sabot de frein

нагрѣваніе (n) тормазной колодки
riscaldamento (m) [eccessivo] dei ceppi del freno
recalentamiento (m) de la zapata de freno



3 Verkohlen(n) des Bremsklotzes
charring of the brake shoe *or* block
carbonisation (f) du sabot de frein

обугливаніе (n) тормазной колодки
carbonizzazione (f) del ceppo del freno
carbonización (f) de la zapata de freno

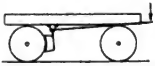
4 Handbremse (f)
hand brake
frein (m) à main

ручной тормазъ (m)
freno (m) a mano
freno (m) de mano

6 Bremsantrieb (m)
brake control
commande (f) du frein

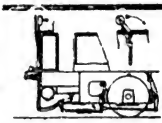
тормазный приводъ (m)
comando (m) del freno
accionamiento (m) del freno

6 Hebelbremse (f)
hand lever brake
frein (m) à levier



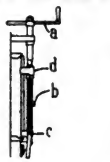
рычажный тормазъ (m)
freno (m) a leva
freno (m) de palanca

7 Wurf[hebel]bremse (f), Extersche Bremse (f)
counter-weight brake
frein (m) à contrepoids



тормазъ (m) съ противовѣсомъ; тормазъ Экстера
freno (m) a contrappeso
freno (m) de contrapeso

8 Spindelbremse (f)
screw brake
frein (m) à vis



винтовой тормазъ (m)
freno (m) a vite
freno (m) de tornillo

9 Bremskurbel (f)
brake screw handle
manivelle (f) de frein

a

ручка (f) тормазного винта
manovella (f) del freno
manivela (f) del freno

10 Bremsspindel (f)
brake screw, brake staff (A)
vis (f) du frein

b

тормазный *или* тормазной винтъ (m)
asta (f) a vite del freno
vástago (m) roscado del freno

11 Bremsmutter (f)
brake screw nut
écrou (m) du frein

c

гайка (f) тормазного винта
madrevite (f) del freno
tuerca (f) del freno

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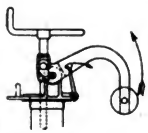
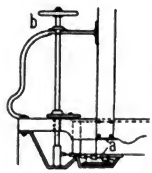
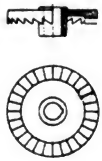
Bremsspindellager (n) brake screw bracket *or* bearing (A) support (m) de vis de frein	d	подшипникъ (m) тормазного винта sopporto (m) di guida della vite del freno soporte (m) del tornillo de freno	1
selbstsperrende Bremsspindel (f) automatic *or* self braking brake rod vis (f) de frein à serrage automatique		самоостанавливающійся тормазной винтъ (m) vite (f) frenante automatica tornillo (m) de freno de apriete automático	2
vereinigte Wurf- und Spindelbremse (f) combination counterweight and spindle brake freins (m) à vis et à contrepoids combinés		комбинированный винтовой тормазъ (m) съ противовѣсомъ freno (m) a vite combinato a contrappeso freno (m) de tornillo y de contrapeso combinados	3
Kettenspindelbremse (f) winch *or* chain brake frein (m) à vis à chaîne		тормазъ (m) съ цѣпнымъ воротомъ freno (m) a vite con tamburo a catena freno (m) de tornillo y cadena	4
Kettenbremse (f) chain brake frein (m) à chaîne		цѣпной тормазъ (m) freno (m) a catena freno (m) de cadena	5
Bremskette (f) brake chain chaîne (f) de frein	a	тормазная цѣпь (f) catena (f) del freno cadena (f) del freno	6
Bremshandrad (n) brake hand wheel volant (m) du frein	b	тормазной маховичокъ (m) volantino (m) del freno volante (m) del freno	7
Bremskettenrolle (f) brake chain sheave poulie (f) à chaîne du frein		барабанъ (m) тормазной цѣпи tamburo (m) per la catena del freno polea (f) para la cadena del freno	8
Bremssperrad (n) brake ratchet wheel roue (f) à rochet du frein		храповикъ (m) тормаза; тормазной храповикъ ruota (f) a nottolino del freno rueda (f) de trinquete del freno	9

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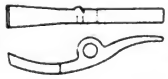
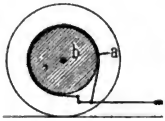
1 Bremssperrklinke (f)
brake pawl *or* dog
cliquet (m) d'arrêt du frein



тормазная собачка (f); собачка тормазного храповика
nottolino (m) del freno
trinquete (m) del freno

2 Bandbremse (f)
band brake
frein (m) à ruban *ou* lame *ou* à collier



ленточный тормазъ (m)
freno (m) a nastro
freno (m) de cinta

3 Bremsband (n)
brake band
ruban (m) *ou* lame (f) *ou* collier (m) de frein

a

тормазная лента (f) *или* полоса (f)
nastro (m) del freno
cinta (f) del freno

4 Bremsscheibe (f)
brake pulley *or* drum *or* wheel
poulie (f) de frein

b

тормазной шкивъ (m)
disco (m) del freno
polea (f) ó disco (m) del freno

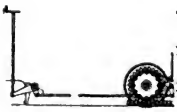
5 geriffelte Bremsscheibe (f), Keilbremsscheibe (f), Rillenbremsscheibe (f)
grooved brake drum
poulie (f) de frein cannelée

рифлёный *или* желобчатый тормазный шкивъ (m); шкивъ клинового тормаза
puleggia (f) di freno scanalata
polea (f) de freno acanalada

6 Bremskühlwasser (n)
brake cooling water
eau (f) de refroidissement des freins

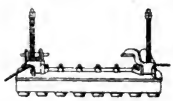
вода (f) для охлажденія тормазовъ; охлаждающая вода для тормазовъ
acqua (f) di raffreddamento pei freni
agua (f) de refrigeración para los frenos

7 Zahnradbremse (f)
toothed wheel brake
frein (m) pour roue dentée



тормазъ (m) съ зубчатымъ колесомъ
freno (m) a ruota dentata
freno (m) de rueda dentada

8 Schienenbremse (f)
track *or* rail brake
frein (m) sur rail



рельсовый тормазъ (m)
freno (m) sulla rotaia
freno (m) sobre carril

9 Keilbremse (f)
wedge brake
frein (m) à coin

клиновой тормазъ (m)
freno (m) a cuneo
freno (m) de cuña

10 Fallbremse (f)
drop brake
frein (m) à contrepoids automatique

автоматическій падающій *или* парашютный тормазъ (m)
freno (m) a caduta automatica
freno (m) de contrapeso automático

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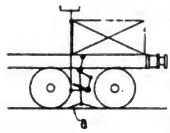


Schlittenbremse (f)
slipper brake
frein (m) à patins

тормазъ (m) въ видѣ салазокъ
freno (m) a pattini
freno (m) de patines
1

Bremsschlitten (m), Gleitbacken (m)
brake slipper *or* shoe
patin (m) de frein

a

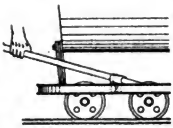
тормазныя салазки (fpl); скользящій башмакъ (m)
pattino (m) del freno
patín (m) de freno
2

Pratzenbremse (f)
prong *or* clutch brake
frein (m) à griffe

тормазъ (m) съ захватками
freno (m) a branca
freno (m) de grapa
3

Fliehkraftbremse (f)
centrifugal brake
frein (m) [à force] centrifuge

центробѣжный тормазъ (m)
freno (m) a forza centrifuga
freno (m) de fuerza centrífuga
4



Bremsprügel(m), Bremsknüppel (m)
brake scotch *or* sprag
guille (f) d'enraiement, barre (f) d'enrayage

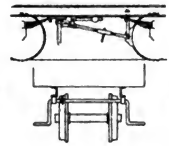
аншпугъ (m) *или* вага (f) для тормаженія
randello (m) *o* bastone (m) della leva del freno, asta (f) di manovra
barrote (m) de arresto
5

Betriebsbremse (f)
service brake
frein (m) de service courant

ходовой тормазъ (m); тормазъ обыкновенной службы
freno (m) di servizio
freno (m) de servicio
6

Gefahrbremse (f), Notbremse (f)
emergency brake
frein (m) de secours

тормазъ (m) на случай опасности
freno (m) di sicurezza
freno (m) de seguridad
7



Verschiebebremse (f), Rangierbremse (f)
shunting hand brake
frein (m) pour le service des manœuvres

тормазъ (m) для маневровой службы; тормазъ для маёвровъ
freno (m) di manovra
freno (m) para el servicio de las maniobras
8

Bremser (m)
brakesman, brakeman (A)
serre-frein (m), garde-frein (m)

тормазильщикъ (m); тормазной кондукторъ (m)
guardafreno, (m) frenatore (m)
guardafrenos (m)
9

Bremsplattform (f)
brake platform
plate-forme (f) du frein

тормазная площадка (f)
piattaforma (f) del freno
plataforma (f) del freno
10

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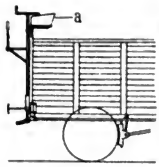
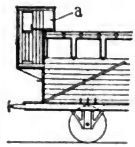
Bremsersitz (m), Bremserstand (m)
brake[s]man's seat
1 siège (m) du serre-frein *ou* garde-frein, poste (m) du garde-frein *ou* serrə-frein



a

мѣсто (n) для тормазильщика; сидѣніе (n) для тормазного кондуктора
posto (m) *o* sedile (m) del guardafreno
puesto (m) *ó* asiento (m) del guardafrenos

Bremserhütte (f), Bremshaus (n)
brake[s]man's cabin
2 guérite (f) *ou* cabine (f) de serre-frein *ou* de garde-frein, vigie (f)



a

будка (f) для тормазильщика *или* для тормазного кондуктора
casotto (m) *o* loggetta (f) del guardafreno
garita (f) del guardafrenos

Kraftbremse (f)
3 power brake
frein (m) mécanique

тормазъ (m), приводимый въ дѣйствіе механической силой; механическій тормазъ
freno (m) meccanico
freno (m) mecánico

---

selbsttätige Bremse (f)
4 automatic brake
frein (m) automatique

автоматическій *или* самодѣйствующій тормазъ (m)
freno (m) automatico
freno (m) automático

Einzelbremse (f)
5 single brake
frein (m) simple *ou* isolé

отдѣльный *или* независимый тормазъ (m)
freno (m) singolo
freno (m) aislado

Zweiwagenbremse (f)
6 double wagon brake
frein (m) pour deux voitures

двухвагонный тормазъ (m); тормазъ для двухъ вагоновъ
freno (m) per due rotabili
freno (m) para dos vagones

Gruppenbremse (f)
brake for group of vehicles
7 frein (m) par groupe de voitures

групповой тормазъ (m); тормазъ для группы вагоновъ
freno (m) per gruppi di rotabili
freno (m) para grupo de vagones

---

durchgehende *oder* kontinuierliche Bremse (f)
8 continuous brake
frein (m) continu

непрерывный тормазъ (m)
freno (m) continuo
freno (m) continuo

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Fortpflanzung (f) der Bremswirkung
transmission of brake action
transmission (f) de l'action des freins *ou* du freinage

распространеніе (n) тормаженія
propagazione (f) del frenamento
transmisión (f) del efecto del freno

1

Fortpflanzungsgeschwindigkeit (f) der Bremswirkung
transmission-speed of brake action
vitesse (f) de transmission du freinage

скорость (f) распространенія торможенія
velocità (f) di propagazione del frenamento
velocidad (f) de transmisión del efecto del freno

2

Schnellbremse (f)
rapid acting brake, quick action brake (A)
frein (m) rapide

скородѣйствующій *или* быстродѣйствующій тормазъ (m)
freno (m) rapido *od* ad azione rapida
freno (m) rápido

3

Luftdruckbremse (f)
air brake, compressed air brake
frein (m) à air comprimé

тормазъ (m), дѣйствующій сжатымъ воздухомъ; воздушный тормазъ [сжатымъ воздухомъ]
freno (m) ad aria compressa
freno (m) de aire comprimido

4

Druckluft (f), Preßluft (f)
compressed air
air (m) comprimé

сжатый воздухъ (m)
aria (f) compressa
aire (m) comprimido

5

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selbsttätige Luftdruckbremse (f)
automatic air brake
frein (m) automatique à air comprimé

автоматическій тормазъ (m), дѣйствующій сжатымъ воздухомъ; самодѣйствующій воздушный тормазъ
freno (m) automatico ad aria compressa
freno (m) automático de aire comprimido

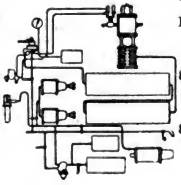
6

Westinghouse-Bremse (f)
Westinghouse [air] brake
frein (m) Westinghouse

тормазъ (m) Вестингауза
freno (m) Westinghouse
freno (m) Westinghouse

7

Lokomotivausrüstung (f) der Westinghouse-Bremse
engine *or* locomotive equipment of Westinghouse brake
équipement (m) de la locomotive avec le frein Westinghouse



паровозное оборудованіе (n) тормаза Вестингауза
accessori (m pl) del freno Westinghouse per locomotiva
accesorios (f pl) del freno Westinghouse en la locomotora

8

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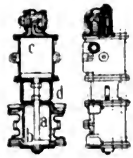


Luftpumpe (f), Kompressor (m)
1 air pump, compressor
compresseur (m), pompe (f) à air, petit cheval (m)

воздушный насосъ (m); компрессоръ (m)
pompa (f) d'aria, compressore (m)
bomba (f) de aire, compresor (m), [maquinilla (f)], caballete (m)

Luftzylinder (m)
2 air cylinder
cylindre (m) à air *ou* compresseur

a

воздушный цилиндръ (m)
cilindro (m) ad aria
cilindro (m) de aire *ó* compresor

Luftkolben (m)
3 air piston
piston (m) du cylindre à air

b

воздушный поршень (m)
stantuffo (m) del cilindro ad aria
émbolo (m) del cilindro de aire

Dampfzylinder (m)
4 steam cylinder
cylindre (m) à vapeur *ou* moteur

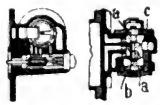
c

паровой цилиндръ (m)
cilindro (m) a vapore
cilindro (m) de vapor *ó* motor

Mittelteil (m)
5 centre piece
cylindre (m) du milieu

d

средняя часть (f)
pezzo (m) centrale
pieza (f) central, cilindro (m) de en medio



Hauptsteuerventil (n)
main [control] valve
6 soupape (f) de distribution principale, distributeur (m) à piston

a

главный распредѣлительный клапанъ (m)
valvola (f) di distribuzione principale
válvula (f) de distribución principal, distribuidor (m) de pistón

---

Schieberventil (n)
7 main slide valve
tiroir (m) de distribution

b

распредѣлительный золотникъ (m)
valvola (f) a cassetto
válvula (f) distribuidora

Hauptsteuerventilbüchse (f)
8 main [control] valve bush
boîte (f) du distributeur principal à piston

c

вкладышъ (m) главнаго распредѣлительнаго клапана
sede (f) *o* corpo (m) della valvola principale
caja (f) del distribuidor principal de pistón

Umsteuerschieber (m)
9 reversing valve
tiroir (m) secondaire de distribution

золотникъ (m) перемѣны хода поршня
valvola (f) di cambiamento di marcia *o* d'inversione
válvula (f) auxiliar de distribución

Umsteuerschieberbüchse (f)
reversing valve bush *or*
10 bushing
fourreau (m) du tiroir secondaire de distribution

золотниковый вкладышъ (m)
sede (f) della valvola di cambiamento di marcia
caja (f) de la válvula auxiliar

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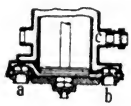
Umsteuerstange (f)
reversing valve rod
tige (f) de renversement (du tiroir secondaire)

золотниковый стержень (m)
asta (f) d'inversione di marcia
varilla (f) de inversión (de la válvula auxiliar)
1

Umsteuerplatte (f)
reversing valve plate
plaque (f) de renversement

распредѣлительная [золотниковая] плитка (f)
piastra (f) d'inversione di marcia
placa (f) de inversión
2

Saugventil (n), Lufteinlaßventil (n)
air inlet *or* suction valve
clapet (m) d'aspiration



всасывающій клапанъ (m)
valvola (f) d'aspirazione
válvula (f) ó sopapa (f) de aspiración
3

Druckventil (n), Luftauslaßventil (n)
air delivery *or* discharge valve
clapet (m) de refoulement

a

b

нагнетательный клапанъ (m)
valvola (f) di scarico
válvula (f) ó sopapa (f) de rechazo
4

Luftkanal (m)
air passage
raccord (m) de la conduite à air

c

воздушный каналъ (m)
canale (m) d'aria
tubo (m) de comunicación con la tuberia
5

Luftreinigungssieb (n)
air strainer
filtre (m) d'air

сѣтка (f) всасывающаго отверстія
filtro (m) d'aria
filtro (m) de aire
6

Saugleitung (f)
suction pipe
tubulure (f) *ou* tuyau (f) d'aspiration

всасывающій трубопроводъ (m)
collare (m) del tubo d'aspirazione
tubuladura (f) del tubo de aspiración
7

Druckleitung (f)
delivery pipe
conduite (f) de refoulement *ou* d'air comprimé

трубопроводъ (m) сжатаго воздуха
conduttura (f) di scarico dell'aria compressa
cañeria (f) de rechazo ó de aire comprimido
8

zweistufige Luftpumpe (f)
two-stage air pump
compresseur (m) d'air à deux phases

воздушный насосъ (m) -тандемъ
pompa (f) ad aria a due gradini
bomba (f) de aire de dos fases
9

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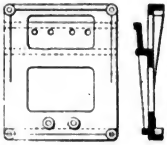
Ballschmiergefäß (n)
1 ball lubricator
graisseur (m) à boule

шаровидная маслёнка (f); [фиг.:] маслёнка парового цилиндра
lubrificatore (m) a sfera, oliatore (m) sferico
engrasador (m) de bola

Luftpumpenträger (m)
air pump bracket
2 support (m) de compresseur *ou* pompe à air



опорная плита (f) *или* кронштейнъ (m) воздушнаго насоса
sostegno (m) della pompa d'aria
soporte (m) de la bomba de aire

---

selbsttätiger Luftzylinderöler (m)
automatic air cylinder lubricator *or* oil cup (A)
3 graisseur (m) automatique de la pompe à air *ou* du compresseur

автоматическая *или* самодѣйствующая маслёнка (f) для воздушнаго цилиндра насоса
lubrificatore (m) automatico del cilindro d'aria
engrasador (m) automático del cilindro compresor

Luftpumpenregler (m)
air pump governor
4 régulateur (m) de pompe à air *ou* de compresseur

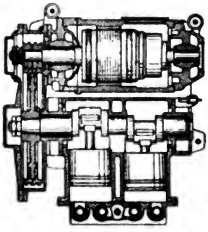
регуляторъ (m) [хода] воздушнаго насоса
regolatore (m) della pompa d'aria
regulador (m) de la bomba de aire *ó* de compresor

---

doppeltwirkender Luftpumpenregler (m)
duplex air pump governor
5 régulateur (m) duplex (pour frein à haute pression)

двойной регуляторъ (m) [хода] воздушнаго насоса
regolatore (m) doppio della pompa d'aria
regulador (m) de doble efecto *ó* duplex (para frenos de alta presión)

Luftpumpe (f) mit elektrischem Antriebe
electrically driven air compressor, motor-compressor
6 pompe (f) à air à commande électrique



воздушный насосъ (m) съ электрическимъ приводомъ; электрическій компрессоръ (m)
pompa (f) d'aria con motore elettrico *od* a comando elettrico
bomba (f) de aire de impulsión eléctrica

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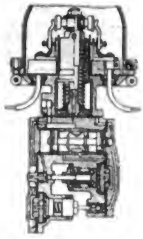
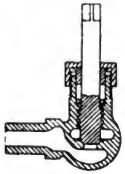


elektrischer Pumpenregler (m)
electric pump governor
régulateur(m) électrique de pompe à air

электрическій регуляторъ (m) [хода] насоса
regolatore (m) elettrico della pompa d'aria
regulador (m) eléctrico de la bomba de aire

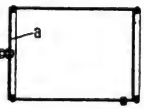
1



Dampfventil (n)
steam valve
robinet (m) de prise de vapeur

паровой вентиль (m) *или* кранъ (m)
valvola (f) di presa vapore
robinete (m) de toma de vapor

2



Hauptluftbehälter (m)
main reservoir, air drum *or* tank (A)
réservoir (m) d'air principal

главный воздушный резервуаръ (m)
serbatoio (m) d'aria principale
cilindro (m) ó reservorio (m) de aire principal

3

Luftbehälterdeckel (m)
cover of air reservoir, air drum head (A)
fond (m) de réservoir d'air

a

днище (n) воздушнаго резервуара
coperchio (m) del serbatoio d'aria
cubierta (f) del cilindro ó reservorio de aire

4

Luftbehälterträger (m)
air reservoir carrier *or* strap, air drum hanger (A)
bride (f) de support de réservoir d'air

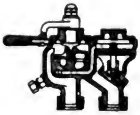
поддержка (f) *или* подвѣсной кронштейнъ (m) для воздушнаго резервуара
fascie (f pl) di sospensione *od* anelli (mpl) di sostegno del serbatoio
soporte estribo (m) de suspensión del cilindro ó reservorio de aire

5

Luftbehältersattel (m)
air drum saddle
selle (f) de réservoir d'air

сѣдло (n) воздушнаго резервуара
sella (f) pel serbatoio d'aria
silla (f) del cilindro de aire

6



Führerbremsventil (n)
engineer's *or* driver's *or* motorman's brake valve
robinet (m) [de frein] du mécanicien

кранъ (m) машиниста
robinetto (m) di comando [del freno] pel macchinista
grifo (m) ó robinete (m) del maquinista para maniobra del freno

7

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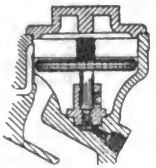


1 Ausgleichventil (n)
equalizing valve
valve (f) égalisatrice

уравновѣшивающій клапанъ m); [фиг.:] регулирующій поршень (m)
valvola (f) di compensazione
válvula (f) de compensación

---

2 Füllventil (n)
supply valve, feed *or* filling valve
valve (f) d'alimentation

питательный клапанъ (m)
valvola (f) di caricamento
válvula (f) de alimentación

---

3 Bremsventilhandgriff (m), Bremshebel (m)
brake valve handle
poignée (f) du robinet de mécanicien

ручка (f) крана машиниста
manubrio (m) del robinetto del freno
empuñadura (f) del grifo del maquinista

---

4 Handgriffeder (f)
handle latch spring
ressort (m) de la poignée

a

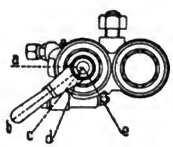
пружина (f) ручки
molla (f) del manubrio
muelle (m) de la empuñadura

---

5 Anschlagstift (m)
handle latch, handle stop pin
arrêt (m) de la poignée

b

упорный штифтъ (m) [фиг.:] кулачокъ (m) ручки
arresto (m) del manubrio
tope (m) de la empuñadura



6 Ventilstellung (f)
valve position
position (f) du robinet du mécanicien

положеніе (n) крана
posizione (f) della valvola
posición (f) del robinete de maquinista

---

7 Füllstellung (f)
full release position
position (f) pour charger la conduite

a

положеніе (n) оттормаживанія; [положеніе наполненія главнаго воздухопровода]
posizione (f) di carica
posición (f) para cargar la cañeria

---

8 Fahrtstellung (f)
running *or* service position
position (f) de marche

b

положеніе (n) поѣздное
posizione (f) di marcia
posición (f) de marcha

---

9 Abschlußstellung (f)
neutral position
position (f) neutre

c

положеніе (n) перекрыши
posizione (f) di chiusura *o* neutra
posición (f) neutra

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Betriebstellung (f)
position for moderate applications
position (f) pour serrages ordinaires

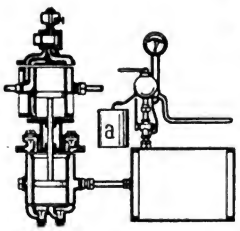
d

положеніе (n) постепеннаго *или* обыкновеннаго торможенія
posizione (f) per arresti ordinari *1*
posición (f) para frenado habitual

Notbremsstellung (f)
emergency application position
position (f) pour serrage rapide

e

положеніе (n) экстреннаго торможенія
posizione (f) di frenatura rapida *o* di urgenza *2*
posición (f) para apriete rápido



a

Bremsventilluftbehälter (m)
brake valve air reservoir, equalizing reservoir (A)
petit réservoir (m) du robinet du mécanicien

воздушный резервуаръ (m) при кранѣ машиниста; малый резервуаръ
serbatoio (m) pel robinetto del macchinista, barilletto (m) *3*
pequeño reservorio (m) del robinete de maquinista

Pfeilerluftbehälter (m)
pillar reservoir
réservoir (m) vertical

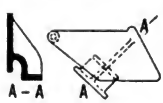
воздушный резервуаръ (m) колонкой
serbatoio (m) a colonna *4*
cilindro (m) de aire de columna

Luftdruckzeiger (m), Luftdruckmesser (m), Manometer (n)
air gauge *or* gage (A)
manomètre (m)

[воздушный] манометръ (m)
manometro (m) *5*
manómetro (m)

doppelter Luftdruckmesser (m)
duplex air gauge
manomètre (m) duplex

двойной [воздушный] манометръ (m)
manometro (m) doppio *6*
manómetro (m) doble *o* duplex



Manometerständer (m)
air gage stand, gauge bracket
porte-manomètre (m)

державка (f) *или* кронштейнъ (m) манометра
porta-manometro (m), sostegno (m) del manometro *7*
porta-manómetro (m)

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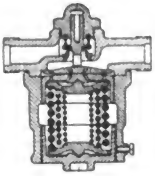
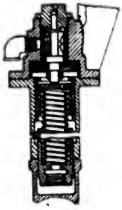
1 Drosselventil (n), Druckminderungs- *oder* Reduzierventil (n)
high-speed reducing valve, pressure reducing valve
soupape (f) de réduction, détendeur (m)



клапанъ (m) для пониженія *или* уменьшенія давленія; редукціонный клапанъ
valvola (f) a riduzione *od* ad azione rapida
válvula (f) de reducción

---

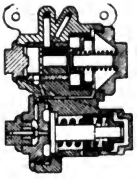
2 selbsttätiges Druckminderungsventil (n)
automatic [pressure] reducing valve
soupape (f) de réduction automatique



самодѣйствующій *или* автоматическій клапанъ (m) для уменьшенія *или* пониженія давленія; самодѣйствующій редукціонный клапанъ
valvola (f) automatica di riduzione
válvula (f) de reducción automática

---

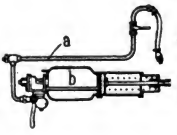
3 selbstregelndes Lufteinlaßventil (n)
feed slide valve
soupape (f) d'alimentation automatique



саморегулирующій клапанъ (m) для впуска воздуха; саморегулирующій питательный клапанъ
valvola (f) automatica d'alimentazione
válvula (f) de alimentación automática

---

4 Wagenausstattung (f) der Westinghouse-Bremse
wagon *or* car (A) equipment of Westinghouse brake
équipement (m) du frein Westinghouse pour les voitures



вагонное оборудованіе (n) тормаза Вестингауза
equipaggiamento (m) del freno Westinghouse per veicoli
accesorios(mpl) *ó* equipo (m) del freno Westinghouse para los vagones

---

5 Hauptleitung (f)
brake pipe, train pipe
conduite (f) principale

a

главный воздухопроводъ (m) *или* воздушный проводъ (m)
condotta (f) principale
tuberia (f) principal

---

6 Hilfsluftbehälter (m)
auxiliary reservoir
réservoir (m) d'air auxiliaire

b

вспомогательный воздушный резервуаръ (m)
serbatoio (m) d'aria ausiliare
depósito (m) de aire auxiliar

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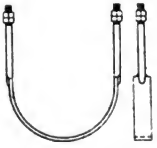
7 [Behälter-]Tragband (n)
reservoir strap *or* carrier
étrier (m) de suspension du réservoir



хомутъ (m) для подвѣски резервуара
fascia (f) *o* braga (f) di sospensione [del serbatoio]
abrazadera (f) de suspensión

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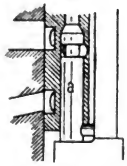
Steuerventil (n), Funktionsventil (n)
plain triple valve
triple-valve (f)

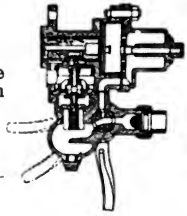
распредѣлительный клапанъ (m); обыкновенный тройной клапанъ
valvola (f) distributrice, valvola (f) tripla
triple válvula (f)
1

Abstufungsventil (n), Druckregelungsventil (n)
graduating valve
valve (f) de graduation



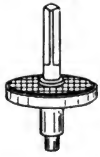
уравнительный клапанъ (m); [фиг.:] уравнительный стержнёкъ (m)
valvola (f) di graduazione
válvula (f) de graduación
2

Schnellbremsventil (n)
quick-action triple valve
triple-valve (f) à action rapide



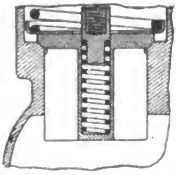
скородѣйствующій *или* быстродѣйствующій тройной клапанъ (m); тройной клапанъ съ ускорителемъ
valvola (f) tripla [ad azione] rapida
triple válvula (f) de acción rápida
3

Mittelventil (n)
central valve
valve (f) secondaire



средній [ускорительный] клапанъ (m)
valvola (f) secondaria
válvula (f) auxiliar
4

Rückschlagventil (n)
check valve
soupape (f) de retenue *ou* d'arrêt



клапанъ (m) ускорителя; наружный ускорительный клапанъ
valvola (f) di ritenuta
válvula (f) de retención
5

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lederne Dichtungsscheibe (f)
leather gasket, leather washer
joint (m) en cuir

кожанан прокладка (f)
disco (m) con guarnizione di cuoio
junta (f) de cuero
6

Nebenkolben (m)
secondary piston
piston (m) secondaire

ускорительный поршень (m)
stantuffo (m) secondario
émbolo (m) auxiliar
7

Abstufungsstange (f)
graduating stem
tige (f) de graduation

упорный [умѣряющій] стержень (m)
asta (f) di graduazione
vástago (f) de graduación
8

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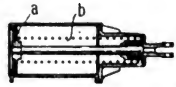
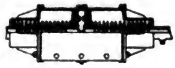
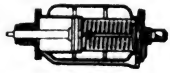
1	Abstufungsstangenfeder (f) graduating spring ressort (m) de la tige de graduation		пружина (f) упорнаго [умѣряющаго] стержня molla (f) dell'asta di graduazione muelle (m) del vástago de graduación
2	Steuerventilträger (m) triple valve bracket support (m) de triple valvè		кронштейнъ (m) для тройнаго клапана sopporto (m) della valvola tripla soporte (m) de triple válvula
3	Bremszylinder (m) brake cylinder cylindre (m) à frein		тормазной цилиндръ (m) cilindro (m) del freno cilindro (m) del freno
4	Bremskolben (m) brake piston piston (m) [de cylindre] de frein	a	тормазной поршень (m), поршень тормазного цилиндра stantuffo (m) del freno émbolo (m) del freno
5	Rückziehfeder (f) release spring ressort (m) de rappel	b	отпускная *или* оттягивающая пружина (f) molla (f) di richiamo muelle (m) de retracción
6	Bremszylinder (m) mit Doppelkolben double piston brake cylinder cylindre (m) de frein à double piston		двухпоршневой тормазной цилиндръ (m) cilindro (m) del freno a doppio stantuffo cilindro (m) de freno de émbolo doble
7	mit dem Hilfsluftbehälter vereinigter Bremszylinder (m) brake cylinder combined with auxiliary air reservoir cylindre (m) de frein réuni à son réservoir auxiliaire		двухкамерный *или* дифференціальный тормазной цилиндръ (m) cilindro (m) del freno combinato col serbatoio ausiliare cilindro (m) de freno combinado cor el reservorio de aire auxiliar
8	Bremszylinderträger (m) brake cylinder carrier *or* bracket *or* support support (m) de cylindre de frein		державка (f) тормазного цилиндра; кронштейнъ (m) для укрѣпленія тормазного цилиндра sostegno (m) del cilindro del freno soporte (m) del cilindro del freno

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gegabelter Rundlochkreuzkopf (m)
forked ordinary crosshead
crossette (f) [à trou rond] ordinaire

обыкновенная вилка (f) [тормазного штока]; вилка съ круглымъ отверстіемъ
testa (f) a forchetta a foro semplice
cruceta (f) de agujero cilíndrico

1

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gegabelter Langlochkreuzkopf (m)
forked long-slotted crosshead
crossette (f) à coulisse double

вилка (f) съ длиннымъ *или* съ продольнымъ прорѣзомъ
testa (f) a forchetta a foro allungato
cruceta (f) de corredera doble

2

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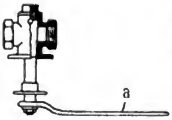
flacher Langlochkreuzkopf (m)
flat long-slotted crosshead
crossette (f) à coulisse plate

головка (f) съ длиннымъ прорѣзомъ; плоскій крейцкопфъ (m) съ длиннымъ прорѣзомъ
testa (f) semplice a foro allungato
cruceta (f) de corredera llana

3

Schaffnerbremshahn (m)
guard's *or* conductor's valve
robinet (m) de frein du conducteur de train *ou* chef-garde



кондукторскій тормазной кранъ (m)
robinetto (m) del freno per frenatore
robinete (m) de freno del conductor

4

Hahngriff (m)
valve handle
poignée (f) de robinet

ручка (f) крана
manubrio (m)
empuñadura (f) del robinete

5

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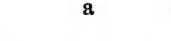
den Hahn umstellen (v)
to turn *or* operate the cock
tourner (v) le robinet



повернуть ручку крáна
girare (v) *o* manovrare (v) il robinetto
girar (v) el robinete

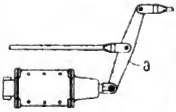
6

Auslösventil (n)
car discharge valve, release valve
valve (f) de purge

выпускной клапанъ (m)
valvola (f) di scarico
válvula (f) de descarga *ó* de purga

7

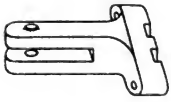
Bremszylinderhebel (m)
brake cylinder lever
balancier (m) du cylindre de frein



рычагъ (m) тормазного цилиндра
leva (f) del cilindro del freno
palanca (f) del cilindro del freno

8

Hebelträger (m)
fulcrum bracket
support (m) de point fixe



кронштейнъ (m) для постоянной точки; укрѣпленіе (n) постоянной точки
sopporto (m) del punto fisso della leva
soporte (m) del punto fijo

9

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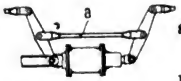
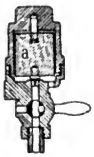
Verbindungsstange (f) der Bremszylinderhebel
brake lever tie rod, cylinder lever connection rod
1 bielle (f) d'accouplement des balanciers des cylindres de frein



a

соединительная тяга (f) рычаговъ тормазного цилиндра
asta (f) d'accoppiamento delle leve del cilindro del freno
biela (f) de unión de las palancas de los cilindros de freno

Rückhaltventil (n)
2 pressure retaining valve
soupape (f) de retenue

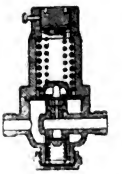


задерживательный клапанъ (m)
valvola (f) di ritenuta
válvula (f) de retención

Ventilgewicht (n)
3 valve weight
poids (m) de la soupape

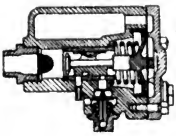
грузъ (m) клапана
peso (m) della valvola
peso (m) de la válvula

Stauventil (n), Überströmventil (n)
air-escape valve, release
4 valve
valve (f) de trop plein d'air, valve (f) d'échappement



перепускной клапанъ (m)
valvola (f) ad azione di scarico per troppo pieno
válvula (f) de rebosadero de aire, válvula (f) de escape

Übertragungsventil (n)
accelerator
5 tiroir (m) à action rapide, accélérateur (m)

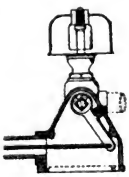


тройной клапанъ (m) съ ускорителемъ
cassetto (m) acceleratore
acelerador (m)

Notbremse (f)
emergency brake
6 frein (m) de détresse, signal (m) d'alarme

пассажирскій [сигнально-] тормазной приборъ (m); тормазъ (m) на случай опасности
freno (m) di sicurezza, segnale (m) d'allarme
freno (m) de peligro, timbre (m) de alarma

Notbremshahn (m)
emergency brake *or* passenger communication valve
7 robinet (m) du signal d'alarme *ou* frein de secours



клапанъ (m) пассажирскаго [сигнально-] тормазного прибора; клапанъ тормаза на случай опасности
robinetto (m) del freno d'urgenza (segnale d'allarme)
robinete (m) del freno de alarma

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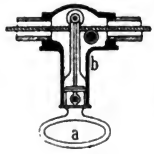
Notbremszugvorrichtung (f)
emergency brake *or* passenger's pull gear
dispositif (m) de signal d'alarme *ou* frein de secours



приспособленіе (n) для приведенія въ дѣйствіе крана къ тормазу на случай опасности
apparecchio (m) del segnale d'allarme
mecanismo (m) del freno de alarma ó del llamador

1

Notbremshandgriff (m)
emergency brake *or* passenger's pull box handle
poignée (f) du signal d'alarme *ou* frein de secours

a

ручка (f) къ передаточной коробкѣ [сигнально-] тормазного прибора: [фиг.:] коробка (f) съ ручкою для каната [сигнально-] тормазного прибора
maniglia (f) *o* manubrio (m) del segnale d'allarme
mango (m) del freno de alarma

2

Notbremszugkasten (m)
emergency brake *or* passenger's pull box
boîte (f) du signal d'alarme *ou* du frein de secours

b

передаточная коробка (f) [сигнально-] тормазного прибора
scatola (f) del tirante pel segnale d'allarme
caja (f) del tirador del freno de alarma

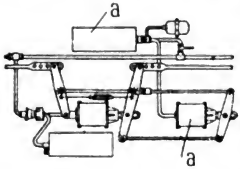
3

Seilspanner (m)
cord strainer
tendeur (m) du câble

натяжная концевая муфта (f)
tenditore (m) della corda
tensor (m) de la cuerda

4

Westinghouse-Schnellbahnbremse (f)
Westinghouse high speed brake
frein (m) Westinghouse pour trains rapides



тормазъ (m) Вестингауза для скорыхъ поѣздовъ
freno (m) Westinghouse per treni rapidi
freno (m) Westinghouse para trenes rápidos

5

Zusatzbremse (f)
auxiliary brake
frein (m) auxiliaire

a

добавочный тормазъ (m) [фиг.:] добавочный тормазной цилиндръ (m)
freno (m) ausiliare
freno (m) auxiliar ó adicional

6

Doppelluftpumpe (f)
double *or* duplex air pump
pompe (f) à air double

двойной воздушный насосъ (m)
pompa (f) d'aria doppia
bomba (f) de aire doble

7

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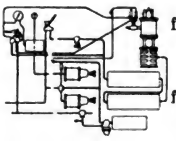
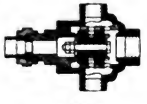
1 Westinghouse-Henry-Doppelbremse (f)
Westinghouse Henry combination brake (combined automatic and straight air)
frein (m) double Westinghouse-Henry, frein (m) automatique et modérable



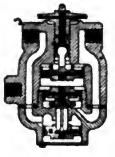
двойной тормазъ (m) Вестингаузъ-Анри
freno (m) Westinghouse-Henry *o* combinato automatico e non automatico
freno (m) automático y moderable de doble conducción (de Westinghouse-Henry)

2 Doppelrückschlagventil (n), Wechselventil (n)
double check *or* return valve
double valve (f) de retenue



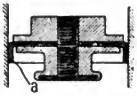
двойной запорный клапанъ (m)
valvola (f) di ritenuta doppia
válvula (f) de retención doble

3 Zweikolbenbremsventil (n), SoulerinschesVentil (n)
double piston valve, Soulerin valve
soupape (f) de frein à deux pistons



двухпоршневой тормазной клапанъ (m); клапанъ Сулерена
valvola (f) del freno a due stantuffi, valvola (f) di Soulerin
válvula (f) del freno de dos émbolos

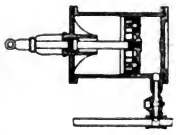
4 Kolbenstulp (m), Kolbenmanschette (f)
piston packing leather
cuir (m) embouti du piston



a

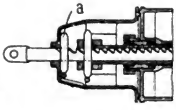
поршневой воротникъ (m)
risvolto (m) dello stantuffo
manga (f) *ó* guarnición (f) de cuero del émbolo, cuero (m) embutido del émbolo

5 Zweikammerbremse (f) (Carpenter, Schleifer, Wenger, Böker)
two chamber brake
frein (m) à deux chambres (Carpenter, Schleifer, Wenger, Böker)



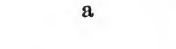
двухкамерный тормазъ (m) [Карпентера, Шлейфера, Венгера, Бёкера]
freno (m) a due camere (Carpenter, Schleifer, Wenger, Böker)
freno (m) de dos cámaras (de Carpenter, Schleifer, Wenger, Böker)

6 selbsttätig nachstellende Bremszug stange (f)
self adjusting brake pull rod
tige (f) de piston à réglage automatique



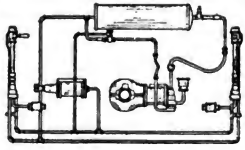
автоматически переставляемая тормазная тяга (f)
tirante (m) del freno a registro automatico
tija (f) de reglamento de émbolo automático

7 Sperrfalle (f)
stop catch
cliquet (m) d'arrêt



защёлка (f)
nottolino (m) d'arresto
trinquete (m)

8 selbsttätige Straßenbahnbremse (f)
automatic tramway brake
frein (m) automatique pour tramway



автоматическій *или* самодѣйствующій трамвайный тормазъ (m)
freno (m) automatico per tranvia
freno (m) automático para tranvías

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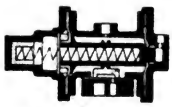
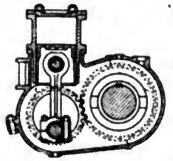
Druckregler (m)
pressure regulator
régulateur (m) de pression



регуляторъ (m) давленія
regolatore (m) di pressione
regulador (m) de presión

1

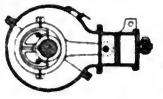
Achsluftpumpe (f)
axle-driven compressor
compresseur (m) commandé par l'essieu



компрессоръ (m), [приводимый въ движеніе] отъ оси
compressore (m) *o* pompa (f) d'aria comandata dall'asse
compresor (m) impulsado por el eje

2

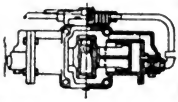
Luftpumpenantrieb (m) mittels Exzenter
air-pump drive by means of an eccentric
commande (f) de la pompe à air par excentrique



приводъ (m) къ воздушному насосу эксцентрикомъ
comando (m) della pompa ad eccentrico
gobierno (m) de la bomba de aire por excéntrica

3

Achsbuchskompressor (m)
axle box air compressor
compresseur (m) logé dans la boîte à graisse



компрессоръ (m), расположенный у буксовой коробки
compressore (m) della boccola a grasso
compresor (m) colocado en la caja de engrase

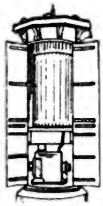
4

Leerlaufventil (n) *oder* Ausschalter (m) des Kompressors
compressor clutch disengaging gear
valve (f) d'isolement du compresseur

выключатель (m) компрессора
disinnesto (m) del compressore
válvula (f) de aislamiento

5

Luftpumpenstation (f)
air pump station
station (f) de compression



воздушно-насосная станція (f)
stazione (f) di compressione
estación (f) para compresión de aire

6

Speicherluftbehälter (m)
air-accumulator
réservoir (m) accumulateur

резервуаръ (m) для сжатаго воздуха; [аккумуляторъ (m) воздуха]
serbatoio (m) accumulatore
reservorio (m) acumulador de aire comprimido

7

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den Luftdruck vermindern (v)
to reduce the air pressure
diminuer (v) *ou* réduire (v) la pression de l'air

уменьшить *или* понизить давленіе воздуха
moderare (v) *o* diminuire (v) la pressione d'aria
disminuir (v) la presión del aire

8

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1 Druckabnahme (f)
reduction of the pressure
diminution (f) de pression

уменьшеніе (n) *или* пониженіе (n) давленія
diminuzione (f) della pressione
disminución (f) de la presión

2 der Luftdruck fällt
the air pressure falls *or* drops
la pression de l'air diminue

давленіе (n) воздуха падаетъ *или* понижается
la pressione d'aria diminuisce *o* cala
la presión de aire cae

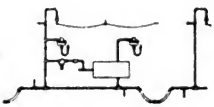
3 Luftaustritt (m)
air exhaust
sortie (f) de l'air

выпускъ (m) воздуха
uscita (f) dell'aria, fuga (f) d'aria
salida (f) del aire

4 Luftverbrauch (m)
air consumption
dépense (f) d'air

расходъ (m) воздуха
consumo (m) d'aria
consumo (m) de aire

5 Bremsleitung (f)
brake pipe, train pipe
conduite (f) du frein

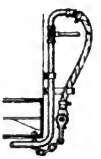


главный воздухопроводъ (m)
conduttura (f) del freno
conducto (m) *ó* cañeria (f) de los frenos

6 Bremsschlauch (m)
brake hose pipe
boyau (m) *ou* tuyau (m) flexible du frein

тормазной рукавъ (m)
tubo (m) flessibile per l'accoppiamento del freno
tubo (m) flexible de los frenos

7 Kuppelschlauch (m)
coupling hose pipe, brake hose (A)
boyau (m) *ou* tuyau (m) d'accouplement flexible

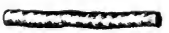


соединительный рукавъ (m)
tubo (m) d'accoppiamento
tubo (m) flexible de acoplamiento, manguera (f)

8 Gummischlauch (m)
rubber hose
boyau (m) *ou* tuyau (m) en caoutchouc

резиновый рукавъ (m)
резиновая трубка (f)
tubo (m) di gomma
tubo (m) *ó* manguera (f) de goma

9 Segeltuchüberzug (m)
canvas cover
gaine (f) en toile à voile



чехолъ (m) изъ парусины
involucro (m) in tela da vela
envoltura (f) de tela de hilo

10 Schlauchkupplung (f)
hose [pipe] coupling
accouplement (m) de tuyaux flexibles

соединеніе (n) рукавовъ
accoppiamento (m) con tubo flessibile
acoplamiento (m) de los tubos flexibles *ó* de las mangueras

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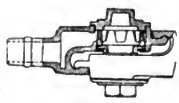
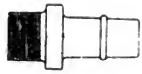
Kupplungskopf (m), Verbindungskopf (m), Kupplungsmuffe (f)
coupling head
tête (f) d'accouplement



соединительная головка (f)
scatola (f) d'accoppiamento *1*
pieza (f) de acoplamiento

Schlauchgewindestück (n), Schlauchtülle (f)
hose nipple
raccord (m) de boyau *ou* tuyau flexible



наконечникъ (m) [съ рѣзьбой] соединительнаго рукава
raccordo (m) del tubo *2*
reunión (f) del tubo flexible

Schlauchverschlußstück (n), Leerkupplung (f), Blindkupplung (f)
hose pipe dummy plug, dummy coupling
faux accouplement (m)

глушилка (f) для рукавовъ
otturatore (m) dell'accoppiamento *3*
obturador (m) del tubo flexible

Schlauchklammer (f), Schlauchschelle (f)
hose clamp
collier (m) *ou* frette (f) du boyau d'accouplement

хомутъ (m) рукава
staffa (f), anello (m) *o* collare (m) del tubo *4*
abrazadera (f) para el tubo flexible

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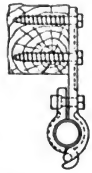
metallische Bremskupplung (f)
metallic [pipe] coupling
accouplement (m) métallique

металлическіе соединительные рукава (mpl)
accoppiamento (m) metallico del freno *5*
acoplamiento (m) metálico de los frenos

Rohrschelle (f), Rohrklammer (f)
pipe clamp *or* clip
collier (m) pour tuyau



скоба (f) воздушной трубы
attacco (m) *o* braga (f) per tubi *6*
collar (m) de tubo

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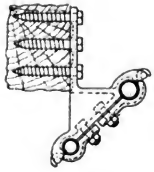
doppelte Rohrklammer (f)
double pipe clamp
collier (m) double pour boyau



двойная скоба (f) воздушныхъ трубъ
attacco (m) *o* braga (f) doppia per tubi *7*
collar (m) doble para tubos

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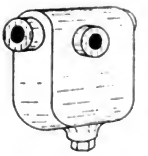
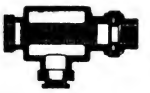


Tropfbecher (m)
1 drip cup
poche (f) de vidange

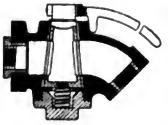
конденсаторъ (m)
separatore (m) [per acqua ed olio], vaso (m) di spurgo
separador (m) del agua

Staubfänger (m), Staubfilter (n)
2 dust catcher, brake pipe air strainer, air pipe strainer
attrape-poussière (m)



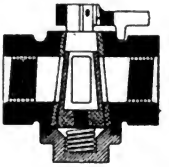
пылеловка (f)
filtro (m) per polvere
filtro (m) para polvo

Kupplungshahn (m)
coupling cock, angle cock
3 robinet (m) d'accouplement



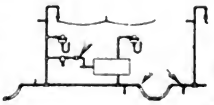
соединительный кранъ (m)
robinetto (m) d'accoppiamento
robinete (m) de acoplamiento

Ausschaltehahn (m), Absperrhahn (m)
4 cut-out cock, isolating cock
robinet (m) d'isolement



разобщительный кранъ (m)
rubinetto (m) d'isolamento
robinete (m) de aislamiento

Undichtigkeit (f) der Leitung
5 leakage of the brake pipe
fuite (f) de la conduite



негерметичность (f) *или* неплотность (f) *или* пропускъ (m) *или* воздухопроницаемость (f) провода
fughe (f pl) nella condotta
fuga (f) de las mangueras

Bremsleitungswagen (m)
vehicle fitted with brake pipes only not braked
6 véhicule (m) á conduite blanche

вагонъ (m) съ пролётною трубою
veicolo (m) d'allacciamento della condotta dei freni
vagón (m) con manguera de conexión

Luftsauge-, Niederdruck- *oder* Vakuumbremse (f)
7 vacuum brake
frein (m) à vide

тормазъ (m), дѣйствующій разрѣжённымъ воздухомъ; вакуумъ-тормазъ
freno (m) a vuoto, freno (m) vacuum
freno (m) de vacío

Luftverdünnung (f)
8 rarefaction of the air, formation of vacuum
raréfaction (f) de l'air

разрѣженіе (n) воздуха
rarefazione (f) dell'aria
rarefacción (f) del aire

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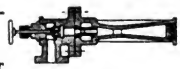
einfacher Dampfstrahlsauger (m) *oder* Injektor (m)
simple ejector
éjecteur (m) à vapeur simple



обыкновенный паровой эжекторъ (m)
aspiratore (m) a vapore semplice, eiettore (m) a vapore semplice
eyector (m) de vapor sencillo

1

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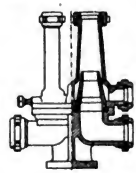
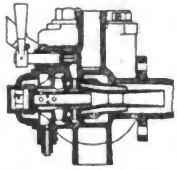
doppelter Dampfstrahlsauger (m)
double ejector
éjecteur (m) à vapeur double



двойной *или* сдвоенный паровой эжекторъ (m)
eiettore (m) doppio
eyector (m) doble

2

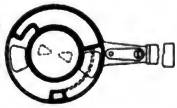
Doppelluftsauger (m) mit ineinandergesteckten Düsenpaaren
combination *or* double nozzle ejector
éjecteur (m) double à tuyères coniques concentriques



двойной *или* сдвоенный эжекторъ (m) со вставленными другъ въ друга пáрами сопелъ *или* конусовъ
eiettore (m) doppio con ugelli coassiali
eyector (m) doble con toberas concéntricas

3

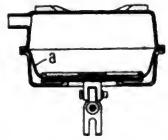
Lufteinlaßschieber (m), Schmetterlingschieber (m)
air inlet disc valve
papillon (m) d'entrée d'air



заслонка (f) для впуска воздуха
valvola (f) a farfalla d'entrata dell'aria
distribuidor (m) de entrada de aire

4

Bremstopf (m), Saugtopf (m)
brake cylinder *or* sack
cuvette (f) de frein



тормазной барабанъ (m)
recipiente (m) *o* cilindro (m) del freno
vaso (m) *ó* campana (f) del freno

5

Biegeplatte (f), Biegehaut (f), Membran (f)
diaphragm
diaphragme (m)

a

діафрагма (f)
diaframma (m)
diafragma (m)

6

Biegeplatte (f) aus Gummi
india-rubber diaphragm
diaphragme (m) en caoutchouc

резиновая діафрагма (f)
diaframma (m) di gomma
diafragma (m) de caucho

7

Lederplatte (f)
leather diaphragm
diaphragme (m) en cuir

кожаная діафрагма (f)
diaframma (m) di cuoio
diafragma (m) de cuero

8

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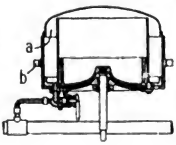
selbsttätige Saugebremse (f), selbsttätige Niederdruckbremse (f) (Clayton)
automatic vacuum brake
frein (m) automatique à vide



автоматическій тормазъ (m), дѣйствующій разрѣжённымъ воздухомъ; автоматическій вакуумъ-тормазъ Клейтона
freno (m) a vuoto automatico
freno (m) de vacio automático

9

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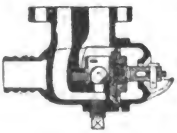
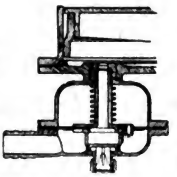
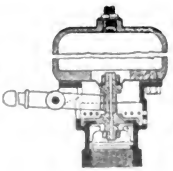
1	**Luftleerbehälter (m), Vakuumglocke (f), Oberkammer (f)** **vacuum chamber** **cloche (f) à vide**	a	**резервуаръ (m) съ разрѣжённымъ воздухомъ; вакуумъ-резервуаръ** **serbatoio (m)** *o* **camera (f) del freno a vuoto** **campana (f) de vacio**
2	**Aufhängezapfen (m)** **trunnion** **tourillon (m) de suspension**	b	**цапфа (f) для подвѣски** **perno (m) di sospensione del cilindro** **gorrón (m) de suspensión**
3	**Rollring (m)** **packing** *or* **rolling ring** **bague (f) obturatrice [en caoutchouc]**	a	**набивочное [катящееся] кольцо (n) круглаго сѣченія** **anello (m) di tenuta in gomma** **anillo (m) de guarnición [de caucho]**
4	**selbsttätiges Kugelventil (n)** **automatic ball valve** **soupape (f) automatique à boulet**		**самодѣйствующій** *или* **автоматическій шаровой клапанъ (m)** **valvola (f) automatica a sfera** **válvula (f)** *ó* **sopara (f) automática de bola**
5	**Schnellbremsventil (n) für Luftsaugebremsen** **rapid acting valve for vacuum brakes** **soupape (f) à action rapide pour freins à vide**		**ускорительный клапанъ (m) тормаза, дѣйствующій разрѣжённымъ воздухомъ; скородѣйствующій клапанъ вакуумъ тормаза** **valvola (f) ad azione rapida per freni a vuoto** **válvula (f) de acción rápida para frenos de vacío**
6	**selbsttätiges Schaffnerventil (n)** **automatic guard's van** *or* **conductor's valve** **soupape (f) automatique du conducteur de train**		**самодѣйствующій** *или* **автоматическій кондукторскій кранъ (m)** *или* **клапанъ (m)** **valvola (f) automatica per il guardafreno** **válvula (f) automática del conductor de tren**
7	**Kondensationsventil (n)** **drip trap** **valve (f) de purge automatique**		**конденсаціонный клапанъ (m)** **valvola (f) di spurgo automatica** **válvula (f) de purga automática**

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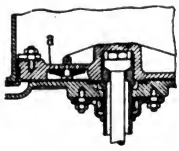
Bremskolben (m) mit Rückschlagklappe
brake piston *or* bucket with relief valve
piston (m) de frein avec clapet de retenue



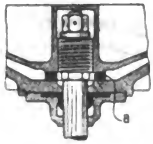
тормазной поршень (m) съ обратнымъ *или* задерживающимъ клапаномъ
stantuffo (m) del freno con valvola di ritenuta *1*
émbolo (m) del freno con válvula de retención

Rückschlagklappe (f)
retaining *or* relief valve
clapet (m) de retenue

a

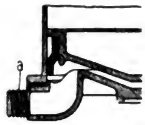
обратный *или* задерживающій клапанъ (m) *2*
valvola (f) di ritenuta
válvula (f) de retención

Kolbenstoßscheibe (f)
piston stop washer
rondelle (f) d'amortissement du choc du piston



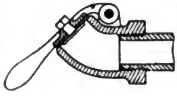
дискъ (m), смягчающій удары поршня
disco (m) smorzatore degli urti dello stantuffo *3*
arandela (f) amortiguadora del choque del émbolo

Schlauchstutzen (m)
hose nipple
tubulure (f) du boyau



патрубокъ (m) для рукава
raccordo (m) tubolare per il tubo di gomma *4*
ensamble (m) del tubo flexible

Bremsluftklappe (f), Entbremsklappe (f)
clappet *or* clap (A) valve for brake
clapet (m) de desserrage



тормазной воздушный клапанъ (m)
valvola (f) per l'aria del freno *5*
válvula (f) de aflojamiento

Doppelklappe (f)
douple clappet valve
clapet (m) double

двойной клапанъ (m)
valvola (f) doppia *6*
válvula-sopapa (f) doble

Schalldämpfer (m)
muffler, silencer
silencieux (m), vase (m) d'échappement, sourdine (f)

шумоглушитель (m)
sordina (f), silenzioso (m), marmitta (f) di scappamento *7*
sordina (f), escape (m) en cámara sorda

Saugeleitung (f)
vacuum piping
conduite (f) d'aspiration

всасывающіе провода (mpl); провода разрѣжённаго воздуха
condotta (f) d'aspirazione *8*
conducto (m) de aspiración

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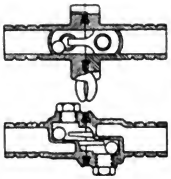
Kugelrückschlagventil (n)
ball coupling, ball check *or* retaining valve
soupape (f) de retenue à boulet



шаровой обратный *или* задерживающій клапанъ (m)
valvola (f) di ritenuta a sfera
válvula (f) de retención de esfera

Gummischlauch (m) mit gewundener Drahteinlage
rubber hose pipe wound internally with wire
2 tuyau (m) en caoutchouc avec armature intérieure en fil métallique enroulé

резиновый рукавъ (m) съ внутренней проволочной обмоткой
tubo (m) di gomma con spirale metallica di filo interno
tubo (m) *ó* manguera (f) de goma con guarnición interior metálica en espiral

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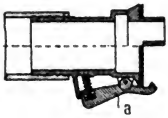
Fallhakenkupplung (f)
Hardy *or* catch hook pipe coupling
3 accouplement (m) à crochet automatique



соединеніе (n) крючками-захватами *или* защёлками
accoppiamento (m) a griffa *od* a gancio cadente
acoplamiento (m) de gancho caedizo

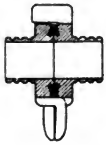
Fallhaken (m)
4 catch hook
crochet (m) automatique

крючокъ (m) -захватъ (m); защёлка (f)
gancio (m) *o* griffa (f) cadente
gancho (m) caedizo

Blindmuffe (f)
dummy plug for Hardy coupling
5 faux accouplement (m) [du frein à vide]

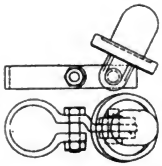
глушилка (f) къ вакуумъ-тормазу
accoppiamento (m) cieco *o* di chiusura
enchufe (m) falso

Claytonsche Kupplung (f)
Clayton *or* universal pipe coupling
6 accouplement (m) Clayton



соединеніе (n) Клейтона
accoppiamento (m) Clayton
acoplamiento (m) Clayton

Blindstoppel (f)
7 dummy plug
bouchon (m) obturateur



пробка (f)
tappo (m) otturatore
tapón (m) obturador

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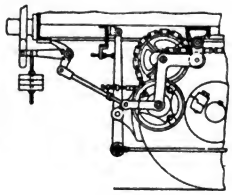
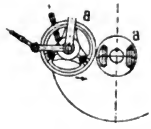
Reibungs- *oder* Friktionsbremse (f) (Heberlein)
friction-brake (Heberlein system)
frein (m) à friction *ou* Heberlein



фрикціонный тормазъ (m); тормазъ (m) Хеберлейна *или* Геберлейна
freno (m) a frizione (sistema Heberlein) *1*
freno (m) de fricción Heberlein

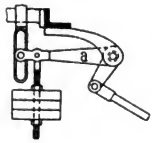
Reibungsrolle (f)
friction roller
galet (m) de friction



фрикціонный шкивъ (m); фрикціонная шайба (f)
ruota (f) di frizione *2*
polea (f) de fricción

a

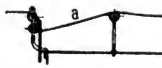
Auslösehebel (m)
disengaging lever
levier (m) de déclanchement



разобщающій *или* спусковой рычагъ (m)
leva (f) di disinnesto *3*
palanca (f) de desembrague

a

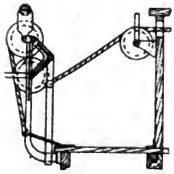
Bremsleine (f), Bremsseil (n)
brake-cord
câble (m) du frein



тормазная верёвка (f)
corda (f) del freno *4*
cuerda (f) de los frenos

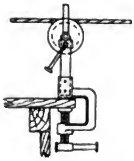
a

Leinenführung (f)
cord-guide
guide (m) du câble



проводка (f) верёвки
guida (f) della corda *5*
guía (f) de la cuerda

Aushilfsleinenführung (f)
auxiliary cord-guide
guide (m) amovible du câble



временная *или* вспомогательная проводка (f) верёвки
guida (f) provvisoria della corda, *6*
guía (f) temporánea de la cuerda

Karabinerhaken (m)
belt *or* band hook
crochet (m) [porte-mousqueton] d'accouplement

сцѣпной крюкъ (m) верёвки Хеберлейна
gancio (m) a mastietto griletto *7*
mosquetón (m)

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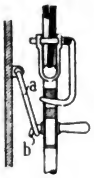
1 Schlußhaken (m) / end hook / crochet (m) de queue — концевой крюкъ (m) / gancio (m) d'estremità / gancho (m) de cola



2 Sicherungsring (m) / safety ring / anneau (m) de sûreté — предохранительное кольцо (n) / anello (m) di sicurezza / anillo (m) de seguridad

a

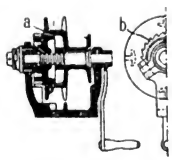
3 Sicherungshaken (m) / safety hook / crochet (m) de sûreté — предохранительный крюкъ (m) / gancio (m) di sicurezza / gancho (m) de seguridad

b

4 die Bremsleine nachlassen (v) / to loosen *or* slacken the brake cord / lâcher (v) le câble du frein — отпус-тить (-кать) тормазную веревку / allentare (v) la corda del freno / aflojar (v) la cuerda del freno

5 die Bremsleine spannen (v) *oder* anziehen (v) / to tighten the brake cord / tendre (v) le câble du frein — натя-нуть (-гивать) тормазную веревку / tendere (v) la corda del freno / tensar (v) la cuerda del freno

6 Bremshaspel (m *oder* f) / brake-reel, brake pulley *or* winding drum / treuil (m) de frein — тормазной воротъ (m) / verricello (m) del freno / torno (m) de freno



7 Reibungshaspel (m), Friktionshaspel (m) / friction reel / treuil (m) à friction — фрикціонный воротъ (m) / verricello (m) a frizione / torno (m) de fricción

8 Reibungskegel (m) / friction cone / cône (m) de friction — фрикціонный конусъ (m) / cono (m) di frizione / cono (m) de fricción

a

9 Sperrad (n) / ratchet wheel / roue (f) à rochet — храповое колесо (n) / ruota (f) a nottolino *o* di arresto / rueda (f) de trinquete

b

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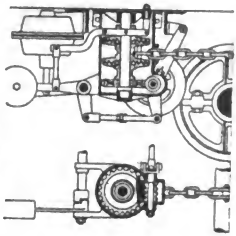
Dampfhaspel (m)
steam reel
treuil (m) à vapeur

паровой воротъ (m)
verricello (m) a vapore
torno (m) de vapor 1

Gepäckwagenhaspel (m)
guards van reel
treuil (m) de fourgon

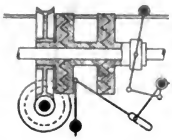
воротъ (m) для багажныхъ вагоновъ
verricello (m) del bagagliaio
torno (m) ó cabrestante (m) de furgón 2

Schraubenrad-reibungsbremse (f)
worm wheel friction brake
frein (m) à friction à roue hélicoidale



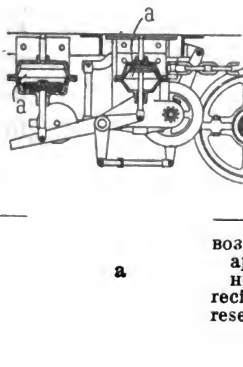
фрикціонный тормазъ (m) съ червячной передачей
freno (m) a frizione con ruota elicoidale
freno (m) de fricción con rueda helicoidal 3

Keilreibungsrolle (f), Keilrad (n)
friction clutch
roue (f) de friction à cannelures triangulaires



клиновое колесо (n)
ruota (f) di frizione a cono
rueda (f) de fricción de acanaladuras triangulares 4

Druckluftauslösung (f)
compressed air release
désserrage (m) *ou* serrage (m) *ou* déclanchement (m) par l'air comprimé



спусковое приспособленіе (n), дѣйствующее сжатымъ воздухомъ; оттормаживаніе (n) сжатымъ воздухомъ
disinnesto (m) con aria compressa
desembrague (m) por aire comprimido 5

Lufttopf (m)
air chamber
récipient (m) à air

a

воздушный резервуаръ (m) *или* пріёмникъ (m)
recipiente (m) d'aria
reservorio (m) de aire 6

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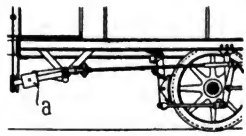
1 Gewicht[s]bremse (f)
counterweight brake
frein (m) à contre-poids



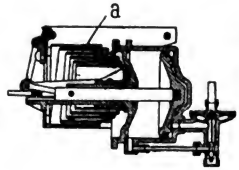
тормазъ (m) съ противовѣсомъ; тормазъ, приводимый въ дѣйствіе грузомъ
freno (m) a contrappeso
freno (m) de contrapeso

2 Bremsgewicht (n)
brake counterweight
contrepoids (m) de frein

a

противовѣсъ (m) или грузъ (m) тормаза
contrappeso (m) del freno
contrapeso (m) del freno

3 Federluftdruckbremse (f)
compressed air spring brake
frein (m) à ressort à air comprimé



пружинно-воздушный тормазъ (m)
freno (m) a molla ad aria compressa
freno (m) de muelle y de aire comprimido

4 Bremsfeder (f)
brake spring
ressort (m) de frein

a

тормазная пружина (f)
molla (f) del freno
muelle (m) del freno

5 Pufferbremse (f)
buffer brake
frein (m) automoteur (par l'action des tampons)

буферный тормазъ (m)
freno (m) a paracolpi o repulsore
freno (m) automotor (impulsado por los topes)

6 Dampfbremse (f)
steam brake
frein (m) à vapeur

паровой тормазъ (m)
freno (m) a vapore
freno (m) de vapor

7 Gegendampfbremse (f)
counterpressure steam brake
frein (m) à contre-vapeur

тормазъ (m), дѣйствующій контръ-паромъ
freno (m) a controvapore
freno (m) de contravapor

8 Bremsen (n) mit Gegendampf
braking with counterpressure steam
freiner (v) à contre-vapeur

тормазить контръ-паромъ
frenare (v) col controvapore
frenar (v) por contravapor

9 Luftgegendruckbremse (f)
air counterpressure brake
frein (m) à contre-pression d'air

тормазъ (m), дѣйствующій воздушнымъ противодавленіемъ
freno (m) a contropressione d'aria
freno (m) de contrapresión de aire

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Zugsignalvorrichtungen
Passenger Communication Apparatus
Appareils d'intercommunication

durchlaufendes Zugsignal (n), [Interkommunikationssignal (n)]
passenger communication signal
signal (m) d'intercommunication

Zugleine (f), Signalleine (f)
communication cord
corde (f) [de] signal

Zugleinenöse (f), Zugleinenhalter (m)
communication cord eye
anneau (m) de la corde du signal

Signalleinenkupplung (f)
communication cord coupling
accouplement (m) de la corde du signal

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elektrisches Zugsignal (n)
passenger's electric communication signal
signal (m) électrique de train

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elektrische Klingeleinrichtung (f)
electric bell apparatus
sonnerie (f) électrique d'intercommunication

Signalleitungskupplung (f)
coupling for communication cable
accouplement (m) des conducteurs de signal

Notsignal (n), Alarmsignal (n)
alarm signal
signal (m) d'alarme

Поѣздныя сигнальныя приспособленія
Apparecchi di segnalamento per convogli 1
Aparatos de señales para trenes

сквозной поѣздной сигналъ (m)
segnale (m) d'intercomunicazione 2
señal (f) de intercomunicación para trenes

сигнальная верёвка (f)
corda (f) del segnale 3
cuerda (f) de la señal

направляющее ушко (n) для сигнальной верёвки
occhiello (m) della corda del segnale 4
ojo (m) para la cuerda de la señal

соединеніе (n) сигнальной веревки
accoppiamento (m) della corda del segnale 5
acoplamiento (m) de la cuerda de la señal

электрическій поѣздной сигналъ (m)
segnale (m) elettrico per convogli 6
señal (f) eléctrica para trenes

устройство (n) электрическихъ звонковъ
installazione (f) di soneria elettrica 7
instalación (f) de timbre eléctrico de intercomunicación

соединеніе (n) сигнальныхъ проводовъ
accoppiamento (m) della conduttura del segnale 8
acoplamiento (m) de los conductores de la señal

сигналъ (m) на случай опасности
segnale (m) d'allarme 9
señal (f) de alarma

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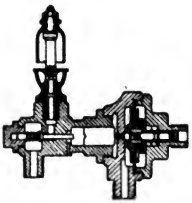
1 Notsignalventil (n)
alarm signal valve
soupape (f) de signal d'alarme

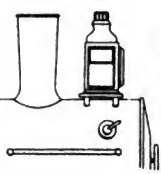


сигнально-тормазной клапанъ (m) на случай опасности
valvola (f) del segnale d'allarme
válvula (f) de señal de alarma

2 Luftpfeife (f)
air whistle
sifflet (m) à air

воздушный свистокъ (m)
fischio (m) ad aria
silbato (m) de aire

3 Lokomotivlaterne (f)
engine head lamp *or* light (A)
falot (m) *ou* lanterne (f) de locomotive, disque (m) de locomotive



паровозный фонарь (m)
fanale (m) da locomotiva
linterna (f) de locomotora

4 Vorsteckscheibe (f)
dark *or* screening slide
vitre (f) coulissante

вдвижное стекло (n)
lastra (f) colorata mobile
vidrio (m) ó cristal (m) móvil

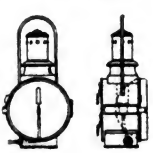
5 elektrischer Scheinwerfer (m)
electric searchlight
phare (m) *ou* falot (m) *ou* projecteur (m) électrique

электрическій прожекторъ (m)
proiettore (m) o fanale (m) elettrico
proyector (m) eléctrico

6 Schlußsignal (n)
tail signal
signal (m) de queue

сигналъ (m) въ концѣ поѣзда; задній или хвостовой сигналъ
segnale (m) di coda
señal (f) de cola

7 Schlußlaterne (f)
tail lamp *or* light (A)
lanterne (f) de queue



задній фонарь (m)
fanale (m) di coda
señal (f) de cola, farol (m) de cola

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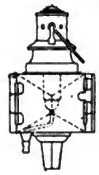
Zugsschlußscheibe (f)
tail disc
disque (m) de queue *ou* d'arrière du train

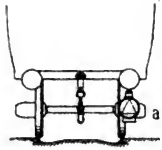
сигнальный дискъ (m) въ концѣ поѣзда
disco (m) di coda
disco (m) de cola
1

Oberwagenlaterne (f), Ausschlaglaterne (f)
side lamp *or* light (A)
lanterne (f) de côté



задній сигналъ (m), помѣщённый выше вагона
fanale (m) di coda laterale
linterna (f) *ó* farol (m) lateral
2

Pufferlaterne (f)
buffer lamp
lanterne (f) de tampon



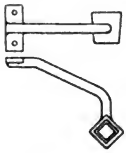
буферный фонарь (m)
fanale (m) al paracolpi
linterna (f) *ó* farol (m) de tope
3

a

Signalstütze (f), Signalkloben (m), Signalträger (m)
signal bracket
porte-signal (m)

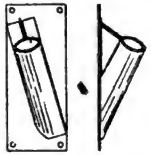
кронштейнъ (m) для сигнальнаго фонаря
porta-segnale (m)
porta-señal (m)
4

Laternenstütze (f)
lamp bracket
porte-lanterne (m)



стойка (f) для сигнальнаго фонаря
porta-fanale (m)
porta-linterna (m)
5

Fahnenhülse (f), Fahnenhalter (m)
flag holder
support (m) de drapeau, douille (f) de hampe



трубка (f) для флага
bossolo (m) del manico della bandiera
porta-bandera (m)
6

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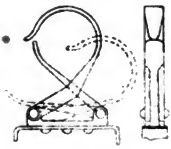
selbsttätiger Klammerhaken (m)
automatic clip
crochet-agrafe (m) automatique



автоматически захватывающій крюкъ (m)
uncino (m) automatico
gancho (m) de cierre automatico
7

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II.

Lokomotiven und Triebwagen

Locomotives and Motor Coaches

Locomotives et automotrices

Паровозы и вагоны-моторы

Locomotive ed automotori

Locomotoras y automotrices

Allgemeines

1 **General Parts**

Généralités

Общая часть

Generalità

Parte general

1. Allgemeine Anordnung und Einteilung der Lokomotiven

2 **General Arrangement and Classification of Locomotives**

Disposition générale et subdivision des locomotives

Общее устройство и подраздѣленіе паровозовъ

Disposizione generale e suddivisione dei tipi delle locomotive

Disposiciones generales y tipos diversos de locomotoras

Lokomotive (f)
3 locomotive, engine
locomotive (f)

паровозъ (m); локомотивъ (m)
locomotiva (f)
locomotora (f)

Einteilung (f) der Lokomotiven
4 classification of locomotives
classification (f) des locomotives

подраздѣленіе (n) *или* классификація (f) паровозовъ
classificazione (f) delle locomotive
clasificación (f) de las locomotoras

Lokomotivgattung (f)
5 type of locomotive
type (m) de locomotive

типъ (m) паровоза
tipo (m) di locomotiva
tipo (m) de locomotora

Schnellzuglokomotive (f)
6 express locomotive
locomotive (f) [de train] express

скорый пассажирскій паровозъ (m); курьерскій паровозъ
locomotiva (f) da treno diretto
locomotora (f) de tren expreso

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Personenzuglokomotive (f)
passenger locomotive
locomotive (f) à voyageurs

пассажирскій паровозъ (m)
locomotiva (f) da treno passeggeri
locomotora (f) para tren de viajeros
1

Güterzuglokomotive (f)
goods *or* freight (A) locomotive
locomotive (f) à marchandises

товарный паровозъ (m)
locomotiva (f) da treno merci
locomotora (f) para tren de mercancías
2

Verschiebelokomotive (f)
shunting *or* switching locomotive, switcher (A)
locomotive (f) de manœuvre *ou* de gare

маневровый паровозъ (m); паровозъ для маневровъ *или* для станціонной службы; дежурный паровозъ; кукушка (f)
locomotiva (f) di manovra
locomotora (f) para maniobras
3

Vorspannlokomotive (f)
pilot *or* bank engine, helper (A)
locomotive (f) de renfort (attelée en tête du train)

a

вспомогательный паровозъ (m); дополнительный паровозъ
locomotiva (f) di rinforzo
locomotora (f) de refuerzo (enganchada à la cabeza del tren)
4

Schiebelokomotive (f)
bank engine, pusher (A)
locomotive (f) de refoulement

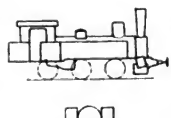
a

подталкивающій паровозъ (m)
locomotiva (f) per spinta
locomotora (f) de empuje
5

Lokomotive (f) mit Schlepptender
tender engine
locomotive (f) avec tender séparé

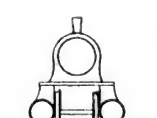
паровозъ (m) съ отдѣльнымъ тендеромъ
locomotiva (f) con carro di scorta separato
comotora (f) con loténder separado
6

Tenderlokomotive (f)
tank-locomotive, tank engine
locomotive-tender (f), coucou (m)



тендеръ-паровозъ (m); танкъ-паровозъ; танковый паровозъ; кукушка (f)
locomotiva (f) tender
locomotora (f) ténder
7

Zwillingslokomotive (f)
twin *or* two cylinder locomotive
locomotive (f) à cylindres jumelés *ou* indépendants *ou* à simple expansion



паровозъ (m) простого дѣйствія *или* съ машиной простого дѣйствія
locomotiva (f) gemella *od* ad espansione semplice
locomotora (f) de cilindros gemelos, locomotora (f) de simple expansión, tipo (m) gemelo
8

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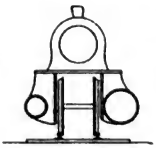


Verbundlokomotive (f)
compound locomotive
locomotive (f) compound

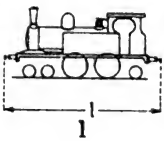
паровозъ-компаундъ (m)
locomotiva (f) composita *o* compound
locomotora (f) compound

2

Hauptabmessungen (f pl)
principal dimensions
dimensions (f pl) principales

главные размѣры (m pl)
dimensioni (f pl) principali
dimensiones (f pl) principales

3



über die Puffer gemessene Länge (f)
total length over the buffers
longueur (f) mesurée entre les extrémités des butoirs

полная длина (f) паровоза между обрѣзами буферовъ
lunghezza (f) misurata entro i respingenti
longitud (f) medida entre las extremidades de los topes

4

Achsanordnung (f)
arrangement of the axles
disposition (f) de l'essieu

расположеніе (n) осей въ паровозѣ
disposizione (f) delle sale
disposición (f) del eje

5

Lokomotive (f) mit starrem Achsstande
shunter, switcher (A)
locomotive (f) à essieu fixe

паровозъ (m) съ неподвижными осями
locomotiva (f) con assi accoppiati rigidamente *o* senza assi portanti
locomotora (f) de eje fijo

6

kurvenbewegliche Lokomotive (f)
locomotive for negotiating curves, radial *or* bogie locomotive
locomotive (f) à jeu transversal d'essieu, locomotive (f) à inscription en courbe

паровозъ (m), приспособленный для движенія по кривымъ
locomotiva (f) con disposizione di spostamento delle sale nelle curve
locomotora (f) que puede inscribirse en curvas

7

Lokomotive (f) mit Dampfdrehgestell, Duplexlokomotive (f)
articulated locomotive
locomotive (f) avec bogie moteur

паровозъ (m) на поворотныхъ телѣжкахъ съ отдѣльными паровыми машинами; паровозъ-дуплексъ (m)
locomotiva (f) con carrello a vapore, locomotiva (f) Duplex
locomotora (f) con carro rotatorio *ó* bogie motor

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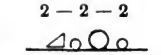
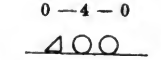
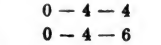
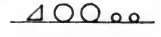
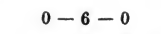
1/3 gekuppelte Lokomotive (f) 6-wheel[ed] single driver locomotive (f) à essieu moteur unique *ou* à roues libres (1/3) *ou* à essieux indépendants	2 — 2 — 2  1 A 1	паровозъ (m) типа 1/3 спаренныхъ осей (спар.-ос.) *или* 1-1-1; паровозъ съ тремя осями, изъ которыхъ одна движущая *или* ведущая locomotiva (f) a tre assi liberi (dei quali uno motore) locomotora (f) de ejes independientes [1/3]	1
2/3 gekuppelt 4-wheel[ed] coupled, 4-wheel switcher (A) à deux essieux couplés [2/3]	0 — 4 — 0  B	о 2/3 осяхъ (2/3 спар. ос.); 0-2-0; двухосный accoppiata 2/3 *o* con due assi accoppiati de dos ejes acoplados [2/3]	2
2/3 gekuppelt mit hinterer Laufachse 6-wheel front coupled, 4-coupled and trailing (A) à deux essieux couplés et un essieu porteur à l'arrière [2/3]	0 — 4 — 1 B 1	о 2/3 осяхъ (2/3 спар. ос.) *или* 0-2-1 съ заднимъ бѣгункомъ accoppiata 2/3 con asse portante *od* a due assi accoppiati ed un asse portante de dos ejes acoplados y eje portador atrás [2/3]	3
2/4 [2/5] gekuppelt mit hinteren Laufachsen 4 [wheel] coupled with trailing bogie, Forney 4-coupled (A) a deux essieux couplés et deux *ou* trois essieux porteurs à l'arrière [2/4, 2/5]	0 — 4 — 4 0 — 4 — 6   B 2 B 3	о 2/4 [2/5] осяхъ (2/4 [2/5] спар. ос.) *или* 0-2-2 (0-2-3) съ задними подвижными бѣгунками accoppiata 2/4 [2/5] con assi portanti di dietro *od* a 4 (5) assi di cui 2 accoppiati de dos ejes acoplados y dos [tres] ejes portadores atrás [2/4, 2/5]	4
3/3 gekuppelt 6-coupled, 6 wheel switch (A) à trois essieux couplés [3/3]	0 — 6 — 0  C	о 3/3 осяхъ; (3/3 спар. ос.); 0-3-0 accoppiata 3/3 con tre assi accoppiati de tres ejes acoplados [3/3]	5
3/4 gekuppelt mit hinterer Laufachse 6-coupled radial trailer, 6-coupled and trailing (A) à trois essieux couplés et un essieu porteur à l'arrière [3/4]	0 — 6 — 2 C 1	о 3/4 осяхъ (3/4 спар. ос.) *или* 0-3-1 съ заднимъ бѣгункомъ accoppiata 3/4 *o* con tre assi accoppiati ed uno asse portante de tres ejes acoplados y un eje portador atrás [3/4]	6

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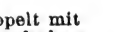
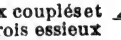
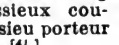
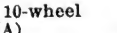
	$^3/_5$ [$^3/_6$] gekuppelt mit hinteren Laufachsen 6-coupled with trailing bogie, Forney 6-coupled (A) à trois essieux couplés et deux *ou* trois essieux porteurs à l arriere [$^3/_5$, $^3/_6$]	0 — 6 — 4 0 — 6 — 6  C 2 C 3	o $^3/_5$ [$^3/_6$] осяхъ ($^3/_5$ [$^3/_6$] спар. ос.) *или* 0-3-2 (0-3-3) съ задними подвижными бѣгунками accoppiata $^3/_5$ [$^3/_6$] con assi portanti di dietro, a 5 (6) assi di cui 3 accoppiati anteriori de tres ejes acoplados y dos *ó* tres ejes portadores atrás [$^3/_5$, $^3/_6$]
2	$^4/_4$ gekuppelt 8-coupled, 8-wheel switcher (A) à quatre essieux couplés [$^4/_4$]	0 — 8 — 0  D	o $^4/_4$ осяхъ; ($^4/_4$ спар. ос.); 0-4-0 accoppiata $^4/_4$ *o* con quattro assi accoppiati de cuatro ejes acoplados [$^4/_4$]
3	$^4/_5$ gekuppelt mit hinterer Laufachse 8-coupled radial, 8-coupled and trailing a quatre essieux couplés et essieu porteur à l'arrière [$^4/_5$]	0 — 8 — 2 D 1	o $^4/_5$ осяхъ ($^4/_5$ спар.ос.) *или* 0-4-1 съ заднимъ бѣгункомъ accoppiata $^4/_5$ con asse portante *o* a 4 assi accoppiati ed uno portante de cuatro ejes acoplados y eje portador atrás [$^4/_5$].
4	$^5/_5$ gekuppelt 10-coupled, 10-wheel switcher (A) à cinq essieux couplés [$^5/_5$]	0 — 10 — 0 E	o $^5/_5$ осяхъ; ($^5/_5$ спар. ос.); 0-5-0 accoppiata $^5/_5$ *o* con cinque assi accoppiati de cinco ejes acoplados [$^5/_5$]
5	$2 \times {}^2/_2$ *oder* $^2/_2 + {}^2/_2$ gekuppelt 8-wheel articulated (A) à deux paires d'essieux couplés [$^2/_2 + {}^2/_2$]	0-4-0+0-4-0  B + B	o $2 \times {}^2/_2$ осяхъ ($^2/_2 + {}^2/_2$ спар. ос.); 0-2-0 + 0-2-0 accoppiata $2 \times {}^2/_2$ con due paia di assi motori accoppiati a $^2/_2 + {}^2/_2$ de dos pares de ejes acoplados [$^2/_2 + {}^2/_2$]
6	$2 \times {}^3/_3$ *oder* $^3/_3 + {}^3/_3$ gekuppelt 12-wheel articulated (A) à deux trains de trois essieux couplés [$^3/_3 + {}^3/_3$]	0-6-0+0-6-0  C + C	o $2 \times {}^3/_3$ осяхъ ($^3/_3 + {}^3/_3$ спар. ос.); 0-3-0 + 0-3-0 accoppiata $2 \times {}^3/_3$ con due meccanismi motori di 3 assi accoppiati a $^3/_3 + {}^3/_3$ de dos mcanismos motores de tres ejes acoplados [$^3/_3 + {}^3/_3$]

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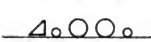
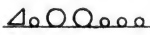
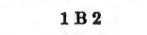
$^2/_3$ gekuppelt mit vorderer Laufachse 6-wheel 4-coupled, 4-coupled (A) à deux essieux couplés et essieu porteur avant [$^2/_3$]	2 — 4 — 0 1 B	o $^2/_3$ осяхъ ($^2/_3$ спар. ос.) *или* 1-2-0 съ [переднимъ бѣгункомъ accoppiata $^2/_3$ con asse portante anteriore *od* a 2 assi accoppiati ed uno portante anteriore *1* de dos ejes acoplados con eje portador delante [$^2/_3$]
$^2/_4$ gekuppelt mit Endlaufachsen Columbia (A) à deux essieux couplés et essieux porteurs à l'avant et à l'arrière [$^2/_4$]	2 — 4 — 2  1 B 1	o $^2/_4$ осяхъ ($^2/_4$ спар. ос.) съ концевыми *или* крайними бѣгунками; 1-2-1 съ бѣгунками по концамъ accoppiata $^2/_4$ con assi portanti alle estremità *od* a 4 assi, di cui i due interni accoppiati *2* de dos ejes acoplados y ejes portadores delante y atrás [$^2/_4$]
$^2/_5$ [$^2/_6$] gekuppelt mit vorderer Laufachse 4-coupled double ender, Mogul Forney à deux essieux couplés, essieu porteur à l'avant et deux *ou* trois essieux porteurs à l'arrière [$^2/_5$, $^2/_6$]	2 — 4 — 4 2 — 4 — 6   1 B 2 1 B 3	o $^2/_5$ [$^2/_6$] осяхъ ($^2/_5$ [$^2/_6$] спар. ос.) *или* 1-2-2 (1-2-3) съ переднимъ бѣгункомъ accoppiata $^2/_5$ [$^2/_6$] con asse portante anteriore *od* a 5 (6) assi, di cui 2 accoppiati ed 1 portante anteriore e 2 (3) posteriori *3* de dos ejes acoplados, eje portador adelante y dos *ó* tres ejes portadores atrás [$^2/_5$, $^2/_6$]
$^3/_4$ gekuppelt mit vorderer Laufachse 6-coupled with pony truck, Mogul (A) à trois essieux couplés et un essieu porteur à l'avant [$^3/_4$]	2 — 6 — 0 1 C	o $^3/_4$ осяхъ ($^3/_4$ спар. ос.) *или* 1-3-0 съ переднимъ бѣгункомъ accoppiata $^3/_4$ con asse portante anteriore *od* a 3 assi accoppiati ed 1 portante anteriore *4* de tres ejes acoplados con eje portador delante [$^3/_4$]
$^3/_5$ gekuppelt mit Endlaufachsen 6-coupled with leading and trailing pony truck, Prairie (A) à trois essieux couplés, un essieu porteur à l'avant et un à l'arrière [$^3/_5$]	2 — 6 — 2 1 C 1	o $^3/_5$ осяхъ ($^3/_5$ спар. ос.) съ концевыми *или* крайними бѣгунками; 1-3-1 съ бѣгунками по концамъ accoppiata $^3/_5$ con assi portanti alle estremità *od* a 5 assi, di cui i 3 interni accoppiati *5* de tres ejes acoplados con un eje portador delante y un otro atrás [$^3/_5$]

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	$^3/_6$ [$^3/_7$] gekuppelt mit vorderer Laufachse 6-coupled double ender à trois essieux couplés, un essieu porteur avant et deux *ou* trois essieux porteurs à l'arrière [$^3/_6$, $^3/_7$]	2 — 6 — 4 2 — 6 — 6 1 C 2 1 C 3	o $^3/_6$ [$^3/_7$] осяхъ ($^3/_6$ [$^3/_7$] спар. ос.) *или* 1-3-2 (1-3-3) съ переднимъ бѣгункомъ accoppiata $^3/_6$ [$^3/_7$] con asse portante anteriore *od* a 6 (7) assi, di cui 3 accoppiati ed 1 portante anteriore e 2 (3) posteriori de tres ejes acoplados, un eje portador delante y dos ó tres ejes portadores atrás [$^3/_6$, $^3/_7$]
1			
2	$^4/_5$ gekuppelt mit vorderer Laufachse 8-coupled with leading pony truck, Consolidation (A) à quatre essieux couplés, un essieu porteur avant [$^4/_5$]	2 — 8 — 0 1 D	o $^4/_5$ осяхъ ($^4/_5$ спар. ос.) *или* 1-4-0 съ переднимъ бѣгункомъ accoppiata $^4/_5$ con asse portante anteriore *od* a 4 assi accoppiati ed 1 portante anteriore de cuatro ejes acoplados con un eje portador delante [$^4/_5$]
3	$^4/_6$ gekuppelt mit Endlaufachsen 8-coupled with leading and trailing pony truck, Mikado (A), Calumet à quatre essieux couplés, un essieu porteur à l'avant et un à l'arrière [$^4/_6$]	2 — 8 — 2 1 D 1	o $^4/_6$ осяхъ ($^4/_6$ спар. ос.) съ концевыми *или* крайними бѣгунками; 1-4-1 съ бѣгунками по концамъ accoppiata $^4/_6$ con assi portanti alle estremità *od* a 6 assi, di cui i 4 interni accoppiati de cuatro ejes acoplados con eje portador delante y un eje portador atrás [$^4/_6$]
4	$^4/_7$ gekuppelt mit vorderer Laufachse 8-coupled double ender à quatre essieux couplés, un essieu porteur avant et un arrière [$^4/_7$]	2 — 8 — 4 1 D 2	o $^4/_7$ осяхъ ($^4/_7$ спар. ос.) *или* 1-4-2 съ переднимъ бѣгункомъ accoppiata $^4/_7$ con asse portante anteriore *od* a 7 assi, di cui 4 accoppiati ed 1 portante anteriore de cuatro ejes acoplados, un eje portador delante y un atrás [$^4/_7$]
5	$^5/_6$ gekuppelt mit vorderer Laufachse 10-coupled with leading pony truck, Decapod (A) à cinq essieux couplés, un essieu porteur avant [$^5/_6$]	2 — 10 — 0 1 E	o $^5/_6$ осяхъ ($^5/_6$ спар. ос.) *или* 1-5-0 съ переднимъ бѣгункомъ accoppiata $^5/_6$ con asse portante anteriore *od* a 5 assi accoppiati ed 1 portante anteriore de cinco ejes acoplados con un eje portador delante [$^5/_6$]

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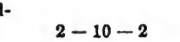
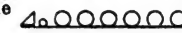
$^{5}/_{7}$ gekuppelt mit Endlaufachsen 10-coupled double ender (A) Santa Fé à cinq essieux couplés, un essieu porteur avant et un arrière [$^{5}/_{7}$]	2 — 10 — 2  1 E 1	o $^{5}/_{7}$ осяхъ ($^{5}/_{7}$ спар. ос.) съ концевыми *или* крайними бѣгунками; 1-5-1 съ бѣгунками по концамъ accoppiata $^{5}/_{7}$ con assi portanti alle estremità *od* a 5 assi accoppiati e 2 portanti alle estremità *1* de cinco ejes acoplados con un eje portador delante y un atrás [$^{5}/_{7}$]
$^{6}/_{7}$ gekuppelt mit vorderer Laufachse 12-coupled with leading pony truck, Centipede (A) à six essieux couplés, un essieu porteur avant [$^{6}/_{7}$]	2 — 12 — 0  1 F	o $^{6}/_{7}$ осяхъ ($^{6}/_{7}$ спар. ос.) *или* 1-6-0 съ переднимъ бѣгункомъ accoppiata $^{6}/_{7}$ con asse portante anteriore *od* a 6 assi accoppiati, ed 1 portante anteriore *2* de seis ejes acoplados y un eje portador delante [$^{6}/_{7}$]
$^{2}/_{4}$ gekuppelt mit vorderem Drehgestell bogie 4-coupled, 8-wheeler, American (A) à deux essieux couplés et bogie avant [$^{2}/_{4}$]	4 — 4 — 0 2 B	o $^{2}/_{4}$ осяхъ ($^{2}/_{4}$ спар. ос.) *или* 2-2-0 съ передней поворотной телѣжкой accoppiata $^{2}/_{4}$ con carrello anteriore *od* a 2 assi accoppiati con carrello anteriore *3* de dos ejes acoplados y truck delantero [$^{2}/_{4}$]
$^{2}/_{5}$ gekuppelt mit vorderem Drehgestell Atlantic (A), Chautaqua à deux essieux couplés, bogie avant et essieu porteur arrière [$^{2}/_{5}$] (atlantique)	4 — 4 — 2 2 B 1	o $^{2}/_{5}$ осяхъ ($^{2}/_{5}$ спар. ос.) *или* 2-2-1 съ передней поворотной телѣжкой accoppiata $^{2}/_{5}$ con carrello anteriore *od* a 3 assi di cui 2 accoppiati e con carrello anteriore *4* de dos ejes acoplados con truck delantero y eje portador atrás [$^{2}/_{5}$]
$^{2}/_{6}$ [$^{2}/_{7}$] gekuppelt mit vorderem Drehgestell 4-coupled double bogie, 4-coupled double ender (A) à deux essieux couplés, bogie avant et deux essieux porteurs arrière [$^{2}/_{6}$, $^{2}/_{7}$]	4 — 4 — 4 4 — 4 — 6 2 B 2 2 B 3	o $^{2}/_{6}$ [$^{2}/_{7}$] осяхъ ($^{2}/_{6}$ [$^{2}/_{7}$] спар. ос.) *или* 2-2-2 (2-2-3) съ передней поворотной телѣжкой accoppiata $^{2}/_{6}$ [$^{2}/_{7}$] con carrello anteriore *od* a 4 assi, di cui 2 accoppiati e con carrello anteriore *5* de dos ejes acoplados con truck delantero y dos ejes portadores atrás [$^{2}/_{6}$, $^{2}/_{7}$]

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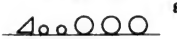
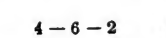
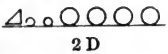
1	$^3/_5$ gekuppelt mit vorderem Drehgestell 6-coupled bogie, 10-wheel (A) à trois essieux couplés, bogie avant [$^3/_5$] (Pacifique)	4 — 6 — 0  2 C	o $^3/_5$ осяхъ ($^3/_5$ спар. ос.) *или* 2-3-0 съ передней поворотной телѣжкой accoppiata $^3/_5$ con carrello anteriore *od* a 3 assi accoppiati con carrello anteriore de tres ejes acoplados y truck delantero [$^3/_5$]
2	$^3/_6$ gekuppelt mit vorderem Drehgestell 6-coupled with leading bogie and trailing pony truck, Pacific (A) à trois essieux couplés, bogie avant et essieu porteur arrière [$^3/_6$]	4 — 6 — 2  2 C 1	o $^3/_6$ осяхъ ($^3/_6$ спар. ос.) *или* 2-3-1 съ передней поворотной телѣжкой accoppiata $^3/_6$ con carrello anteriore *od* a 4 assi di cui 3 accoppiati e con carrello anteriore de tres ejes acoplados, truck delantero y eje portador atras [$^3/_6$]
3	$^3/_7$ [$^3/_8$] gekuppelt mit vorderem Drehgestell 6-coupled double bogie, 6-coupled double ender (A) à trois essieux couplés, bogie avant et deux *ou* trois essieux porteurs arrière [$^3/_7$, $^3/_8$]	4 — 6 — 4 2 C 2 4 — 6 — 6 2 C 3 6 — 6 — 4 3 C 2	o $^3/_7$ [$^3/_8$] осяхъ ($^3/_7$ [$^3/_8$] спар. ос.) *или* 2-3-2 (2-3-3 *или* 3-3-2) съ передней поворотной телѣжкой accoppiata $^3/_7$ [$^3/_8$] con carrello anteriore *od* a 5 (6) assi di cui 3 accoppiati con carrello anteriore de tres ejes acoplados, truck delantero y dos ó tres ejes portadores atrás [$^3/_7$, $^3/_8$]
4	$^4/_6$ gekuppelt mit vorderem Drehgestell 8-coupled with leading bogie, 12-wheel (A) à quatre essieux couplés et bogie avant [$^4/_6$]	4 — 8 — 0  2 D	o $^4/_6$ осяхъ ($^4/_6$ спар. ос.) *или* 2-4-0 съ передней поворотной телѣжкой accoppiata $^4/_6$ con carrello anteriore *od* a 4 assi accoppiati con carrello anteriore de cuatro ejes acoplados y con truck delante [$^4/_6$]
5	$^5/_7$ gekuppelt mit vorderem Drehgestell 10-coupled with leading bogie, Mastodon (A) à cinq essieux couplés et bogie avant [$^5/_7$]	4 — 10 — 0 2 E	o $^5/_7$ осяхъ ($^5/_7$ спар. ос.) *или* 2-5-0 съ передней поворотной телѣжкой accoppiata $^5/_7$ con carrello anteriore *od* a 5 assi accoppiati con carrello anteriore de cinco ejes acoplados con truck delante [$^5/_7$]

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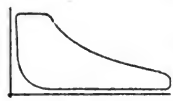
2. Kraft- und Arbeitsverhältnisse **Power and Tractive Effort** **Conditions générales de traction et de travail**		**Условія Передачи силы и работы** **Rapporti di forza e di lavoro** **Condiciones principales de tracción y de trabajo**	*1*
Leistungsfähigkeit (f) capacity puissance (f)		мощность (f); работоспособность (f) potenza (f), potenzialità (f) potencia (f)	*2*
Kesselspannung (f), Kesseldruck (m) boiler pressure pression (f) dans la chaudière		давленіе (n) въ котлѣ pressione (f) nella caldaia presión (f) en la caldera	*3*
nutzbare Spannung (f) effective pressure pression (f) utile		полезное давленіе (n) pressione (f) utile presión (f) utilizable	*4*
Anfangspannung (f) initial pressure pression (f) initiale *ou* d'admission		начальное давленіе (n) pressione (f) iniziale presión (f) inicial	*5*
Endspannung (f) final pressure pression (f) finale	p_2	конечное давленіе (n) pressione (f) finale presión (f) final	*6*
Dampfdruckschaubild (n), Dampfdiagramm (n) steam [indicator] diagram diagramme (m) des pressions		[индикаторная] діаграмма (f) работы пара diagramma (m) del vapore diagrama (m) de las presiones	*7*
Dampfarbeit (f) work done by the steam travail (m) de la vapeur		работа (f) пара lavoro (m) del vapore trabajo (m) del vapor	*8*
Dampfverbrauch (m) steam consumption consommation (f) *ou* dépense (f) de vapeur		расходъ (m) пара consumo (m) di vapore consumo (m) de vapor	*9*
Wärmeverbrauch (m) für 1 PS und 1 Stunde heat consumption per HP per hour consommation (f) *ou* dépense (f) en calories par chev-h		расходъ (m) тепла на лошадиную силучасъ; расходъ теплоты на одну лошадиную силу въ часъ consumo (m) di calore per cavallo-ora consumo (m) de calor por caballo-hora	*10*
Kohlenverbrauch (m) coal consumption consommation (f) *ou* dépense (f) de charbon		расходъ (m) угля consumo (m) di carbone consumo (m) de carbón	*11*

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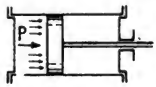
Wasserverbrauch (m)
1 consumption of water
consommation (f) d'eau

расходъ (m) воды
consumo (m) d'acqua
consumo (m) de agua

Triebkraft (f)
2 driving force
force (f) motrice

движущая сила (f)
forza (f) motrice
fuerza (f) motriz

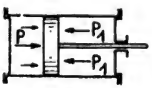
Kolbendruck (m), Kolbenkraft (f)
3 piston pressure
pression (f) sur le piston



P

давленіе (n) на поршень
pressione (f) sullo stantuffo
presión (f) sobre el émbolo

Rückdruck (m) auf den Kolben
4 back pressure on the piston
contre-pression (f) sur le piston



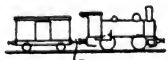
P_1

противодавленіе (n) на поршень
contropressione (f) sullo stantuffo
contra-presión (f) sobre el émbolo

Trägheitsdruck (m) der Massen
5 inertia force *or* pressure
force (f) d'inertie

инерціонное давленіе (n) массъ; давленіе отъ силы инерціи массъ; давленіе вслѣдствіе инерціи массъ
pressione (f) d'inerzia
fuerza (f) de inercia de las masas

Zugkraft (f) am Zughaken
6 tractive power *or* effort
effort (m) de traction
au crochet d'attelage



Z

сила (f) тяги
sforzo (m) *o* forza (f) di trazione
esfuerzo (m) al gaucho de tracción

---

größte *oder* maximale Zugkraft (f)
7 maximum tractive power *or* effort
effort (m) maximum de traction

наибольшая сила (f) тяги
sforzo (m) massimo di trazione
esfuerzo (m) máximo de tracción

Nutzzugkraft (f)
8 effective tractive power *or* effort
effort (m) de traction utile

полезная сила (f) тяги
sforzo (m) utile di trazione
esfuerzo (m) útil de tracción

Gesamtzugkraft (f), Bruttozugkraft (f)
9 gross tractive power *or* effort
effort (m) de traction brut

валовая сила (f) тяги
sforzo (m) totale di trazione
esfuerzo (m) bruto de tracción

Anfahrzugkraft (f)
10 starting tractive power *or* effort
effort (m) [de traction] au démarrage

сила (f) тяги при троганіи съ мѣста
sforzo (m) [di trazione] alla messa in moto *od* all'avviamento
esfuerzo (m) [de tracción] de arranque

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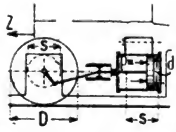
Zugkraft (f) am Triebradumfange
tractive effort at the periphery of the driving wheel
effort (m) de traction à la jante



$$Z = \eta \frac{d^2}{D} p_m \quad 8$$

сила (f) тяги [паровоза] на окружности движущаго колеса
forza (f) di trazione alla periferia della ruota *1*
esfuerzo (m) de tracción en la circunferencia de la rueda motriz

---

Kraftbedarf (m)
power required
force (f) nécessaire

необходимая сила (f)
forza (f) necessaria *2*
fuerza (f) necesaria

Energiekosten (pl)
cost of energy
prix (m) de revient de l'énergie

стоимость (f) энергіи
costo (m) dell'energia *3*
gastos (m pl) de energía

Radumdrehung (f)
revolution *or* turning of the wheel
rotation (f) de la roue

вращеніе (n) колеса
rotazione (f) *o* giro (m) della ruota *4*
rotación (f) de la rueda

Umlaufzahl (f) *oder* Umdrehungszahl (f) der Räder
number of revolutions of the wheels
nombre (m) de tours de roue

число (n) оборотовъ колёсъ
numero (m) di giri delle ruote *5*
número (m) de vueltas de la rueda

---

den Zug ziehen (v)
to pull the train
tirer (v) le train

тянуть поѣздъ
trainare (v), tirare (v) il treno *o* convoglio *6*
arrastrar (v) el tren

---

den Zug schieben (v) *oder* drücken (v)
to push *or* propel the train
pousser (v) *ou* refouler (v) le train

толкать поѣздъ
spingere (v) il treno *7*
empujar (v) el tren

---

ruckweises Anziehen (n)
starting by jerks
traction (f) saccadée

троганіе (n) съ мѣста толчками
trazione (f) a scosse *8*
arranque (m) á sacudidas

Schleudern (n) der Triebräder
slipping of the driving wheels
patinage (m) [sur place] des roues motrices

буксованіе (n) движущихъ колёсъ
slittamento (m) delle ruote motrici *9*
patinaje (m) de las ruedas motrices

Zuggewicht (n)
weight of train
poids (m) du train

вѣсъ (m) поѣзда
peso (m) del treno *10*
peso (m) del tren

Dienstgewicht (n), Betriebsgewicht (n)
weight in working order
poids (m) en ordre de marche *ou* en service

вѣсъ (m) въ рабочемъ *или* въ служебномъ состояніи; служебный вѣсъ *11*
peso (m) in servizio
peso (m) en servicio *ó* en orden de marcha

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Leergewicht (n)
1 light weight
poids (m) à vide

Reibungsgewicht (n), [Adhäsionsgewicht(n)]
2 adhesion *or* adhesive weight
poids (m) adhérent

Reibungswert (m), Reibungskoeffizient (m)
3 coefficient of friction
coefficient (m) de frottement *ou* d'adhérence

zulässige Achsbelastung (f)
4 admissible weight per axle
charge (f) admissible des essieux

Zugwiderstand (m)
5 train resistance
résistance (f) du train

Bewegungswiderstand (m), Fahr- *oder* Laufwiderstand (m)
6 rolling resistance, resistance to motion
résistance (f) au mouvement *ou* en marche

Widerstandziffer (f) Widerstandzahl (f)
7 coefficient of resistance
coefficient (m) de résistance

Steigungswiderstand (m)
8 resistance due to climbing *or* gradients
résistance (f) en rampe

Reibungswiderstand (m)
9 friction resistance
résistance (f) de frottement

Eigenreibung (f) der Lokomotive
10 internal friction of the locomotive
frottement (m) propre des organes de la locomotive

Leerlauf (m)
11 no-load run, running light
marche (f) à vide

вѣсъ (m) порожняго паровоза
peso (m) a vuoto
peso (m) en vacio

сцѣпной вѣсъ (m); полезный вѣсъ
peso (m) d'adesione *od* aderente
peso (m) adherente

коэффиціентъ (m) тренія *или* сцѣпленія
valore (m) d'aderenza
coeficiente (m) de rozamiento

допустимая нагрузка (f) оси *или* на ось
carico (m) ammissibile per asse
carga (f) admisible sobre los ejes

сопротивленіе (n) поѣзда
resistenza (f) del treno
resistencia (f) del tren

сопротивленіе (n) движенію
resistenza (f) al movimento
resistencia (f) al movimiento

коэффиціентъ (m) сопротивленія
coefficiente (m) di resistenza
coeficiente (m) de resistencia

сопротивленіе (n) при подъёмѣ *или* на подъёмѣ
resistenza (f) in ascesa
resistencia (f) en rampa

сопротивленіе (n) [вслѣдствіе] тренія
resistenza (f) d'attrito
resistencia (f) de rozamiento

собственное треніе (n) паровоза
attrito (m) proprio della locomotiva
rozamiento (m) propio de la locomotora

слѣдованіе (n) паровоза резервомъ; движеніе (n) паровоза порожнёмъ *или* безъ поѣзда
marcia (f) a vuoto
marcha (f) en vacio

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Leerlaufwiderstand (m)
no-load resistance, resistance when running light
résistance (f) à vide

сопротивленіе (n) при слѣдованіи паровоза резервомъ; сопротивленіе при движеніи паровоза порожнёмъ *или* безъ поѣзда 1
resistenza (f) a vuoto
resistencia (f) en vacío

Luftwiderstand (m)
air *or* wind resistance
résistance (f) de l'air

сопротивленіе (n) воздуха 2
resistenza (f) dell'aria
resistencia (f) del aire

Gesamtwiderstand (m)
total resistance
résistance (f) totale

полное сопротивленіе (n) 3
resistenza (f) totale
resistencia (f) total

Widerstand (m) für 1 t Zuggewicht
resistance per ton of weight of train
résistance (f) par tonne du poids du train

сопротивленіе (n) на тонну вѣса поѣзда 4
resistenza (f) per tonnellata di peso del treno
resistencia (f) por tonelada de peso del tren

Widerstandformel (f)
resistance formula
formule (f) de résistance

формула (f) сопротивленія 5
formola (f) per la resistenza
fórmula (f) de la resistencia

---

die Lokomotive in Gang bringen (v)
to start the locomotive
mettre (v) la locomotive en marche *ou* en route

привести въ движеніе *или* пустить въ ходъ паровозъ 6
mettere (v) in moto la locomotiva
poner (v) en marcha la locomotora

Beschleunigungsarbeit (f)
acceleration work
travail (m) d'accélération

работа (f) ускоренія 7
lavoro (m) d'accelerazione
trabajo (m) de aceleración

Anfahrwiderstand (m)
starting resistance
résistance (f) au démarrage

сопротивленіе (n) разгону; сопротивленіе при троганіи съ мѣста *или* при пусканіи въ ходъ 8
resistenza (f) all'avviamento
resistencia (f) de arranque

---

anfahren (v)
to start
démarrer (v)

разогнать; трогать въ мѣста; пустить въ ходъ; привести въ движеніе 9
avviare (v), partire (v) mettere (v) in marcia
arrancar (v)

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Anfahrleistung (f)
1 starting power
puissance (f) pour le démarrage

мощность (f) разгона; мощность *или* производительность (f) при трогании съ мѣста
potenza (f) *o* forza (f) d'avviamento
fuerza (f) para el arranque

Anfahrweg (m), Anfahrstrecke (f)
2 starting course *or* distance *or* length
chemin (m) parcouru pendant le démarrage

путь (m), проходимый поѣздомъ при разгонѣ *или* отъ начала движенія до развитія полной скорости [для даннаго участка пути]
strada (f) percorsa durante l'avviamento
camino (m) recorrido durante el arranque

Anfahrzeit (f)
3 time in starting, time taken in getting up speed
durée (f) du démarrage

время (n) разгона; время трогания съ мѣста
durata (f) dell'avviamento
duración (f) del arranque

---

3. Bewegungsverhältnisse und Eigenschwingungen
4 **Movement and Oscillation**
Conditions de mouvement et mouvements d'oscillations propres

Условія движенія и собственныя колебанія
Condizioni di movimento e delle autooscillazioni
Condiciones de movimiento y movimientos propios de oscilación

Gang (m) des Fahrzeuges
5 running of locomotive
marche (f) de véhicule

ходъ (m) паровоза; ходъ вагона
marcia (f) del veicolo
marcha (f) del vehiculo

---

ruhiger *oder* sanfter Gang (m) der Lokomotive
6 quiet *or* smooth running of the locomotive
allure (f) tranquille et douce de la locomotive

спокойный *или* плавный ходъ (m) паровоза
andatura (f) tranquilla della locomotiva
marcha (f) ó rodadura (f) suave ó tranquila de la locomotora

---

harter *oder* stoßender Gang (m) der Lokomotive
7 hard *or* noisy running of the locomotive
marche (f) *ou* allure (f) dure de la locomotive

жёсткій ходъ (m) паровоза
marcia (f) difficile della locomotiva
marcha (f) dura de la locomotora

Fahrtrichtung (f)
8 direction of running
sens (m) de marche

направленіе (n) движенія
senso (m) della marcia
sentido (m) de la marcha

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Vorwärtsgang (m)
running forwards
marche (f) [en] avant

ходъ (m) впередъ; передній ходъ
marcia (f) in avanti
marcha (f) hacia adelante *1*

Rückwärtsgang (m)
running backwards
marche (f) [en] arrière

ходъ (m) назадъ; задній ходъ
marcia (f) all'indietro *o* ritrosa
marcha (f) hacia atrás *2*

Umkehrung (f) der Bewegungsrichtung
reversing the direction of running
renversement (m) [du sens] de marche

измѣненіе (n) направленія движенія
inversione (m) [del senso] della marcia
inversión (f) [del sentido] de la marcha *3*

Fahrgeschwindigkeit (f)
speed
vitesse (f) de marche

скорость (f) движенія
velocità (f) della marcia
velocidad (f) de marcha *4*

---

fahrplanmäßige Geschwindigkeit (f)
schedule[d] speed
vitesse (f) conforme à l'horaire

скорость (f) по расписанію
celerità (f) conforme l'orario
velocidad (f) indicada por el horario *5*

Führung (f) des Rades
guiding of the wheel
guidage (m) de la roue

направленіе (n) колеса
guida (f) della ruota
guía (f) de la rueda *6*

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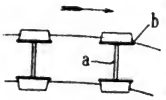
führende Achse (f), Vorderachse (f)
leading axle
essieu (m) avant



a

набѣгающая *или* направляющая ось (f); передняя ось
asse (m) di guida, asse (m) anteriore
eje (m) delantero *ó* anterior *7*

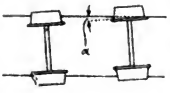
---

führender Spurkranz (m)
leading flange
boudin (m), bourrelet (m), mentonnet (m)

b

набѣгающая реборда (f) колеса; направляющій гребень (m) колеса
orlo (m) di guida
bordón (m) de la rueda *8*

Anlaufen (n) des Spurkranzes
striking of the flange against the rail
application (f) du boudin contre le champignon du rail



набѣганіе (n) реборды *или* гребня колеса
contatto (m) dell'orlo *o* bordino della ruota col fungo della rotaia
aplicación (f) del bordón de la rueda contra la cabeza del carril *9*

---

der Spurkranz läuft an die Schiene an
the flange strikes the rail
le boudin s'applique contre le rail

реборда (f) *или* гребень (m) колеса набѣгаетъ на рельсъ
l'orlo tocca la rotaia
el bordón apoya contra el carril *10*

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1 Anlaufwinkel (m), Anschneidewinkel (m)
striking angle
angle (m) d'application, angle (m) de cisaillement

«

уголъ (m) набѣганія
angolo (m) di contatto
ángulo (m) de aplicación

---

2 Schleifen (n) des Spurkranzes an der Schiene
grinding *or* rubbing of the flange on the rail
frottement (m) du boudin contre le rail

треніе (n) реборды *или* гребня колеса о рельсъ
sfregamento (m) dell'orlo contro la rotaia
rozamiento (m) del bordón á lo largo del carril

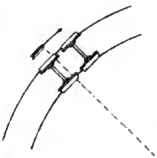
---

3 der Spurkranz schleift an der Schiene
the flange grinds *or* rubs on the rail
le boudin frotte contre le rail

реборда (f) *или* гребень (m) трётся о рельсъ
l'orlo sfrega contro la rotaia
el bordón roza á lo largo del carril

---

4 spießgängige Bewegung (f)
spear-flight movement (the outside leading wheel rubbing against the rail while the trailers follow the curve)
mouvement (m) dans lequel la roue extérieure d'avant frotte contre le rail tandis que les roues d'arrière s'inscrivent en courbe



переднее внѣшнее колесо (n) набѣгаетъ ребордой на рельсъ въ то время, какъ задняя ось принимаетъ радіальное положеніе
(movimento (m) nel quale la ruota esterna anteriore sfrega contro la rotaia, mentre le ruote posteriori s'inscrivono nella curva) *od* attrito in curva per forza centrifuga
movimiento (m) en que la rueda exterior de delante apoya contra el carril mientras que las de detras se inscriben en la curva

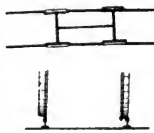
---

5 Schlingern (n), Schlängeln (n)
hunting
mouvement (m) de lacet

виляніе (n); извилистое движеніе (n)
movimento (m) a serpentino
movimiento (m) de lacet *ó* de serpenteo

---

6 Aufsteigen (n) *oder* Auflaufen (n) des Spurkranzes
mounting of the flange
montée (f) du boudin sur le rail



всползаніе (n) реборды на рельсъ
montare (m) dell'orlo sulla rotaia
subida (f) del bordón sobre el carril

---

7 der Spurkranz steigt auf die Schiene auf
the flange mounts on the rail
le boudin de la roue monte sur le rail

реборда (f) колеса всползаетъ на рельсъ
l'orlo della ruota monta sulla rotaia
el bordón sube sobre el carril

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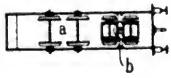
Entgleisung (f)
derailing, derailment
déraillement (m)

сходъ (m) съ рельсовъ
deviamento (m)
descarrilamiento (m)

1

---

feste Radgruppe (f)
rigid *or* fixed set of wheels
train (m) de roues fixe



a

жёсткая группа (f) колёсъ
gruppo (m) *o* treno (m) di ruote fisse
tren (m) de ruedas fijo

2

---

bewegliche Radgruppe (f)
free *or* movable set of wheels
train (m) de roues mobile

b

подвижная группа (f) колёсъ
gruppo (m) di ruote mobili
tren (m) de ruedas móvil

3

---

störende Lokomotivbewegungen (f pl)
disturbing movements of the locomotive
mouvements (m pl) perturbateurs de la locomotive

вредныя движенія (n pl) паровоза
movimenti (mpl) nuocivi *o* parassiti della locomotiva
movimientos (m pl) perturbadores de la locomotora

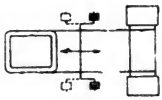
4

Eigenschwingung (f) der Lokomotive
oscillation of the locomotive
oscillation (f) propre de la locomotive

собственныя колебанія (n pl) паровоза
oscillazione (f) propria della locomotiva
oscilación (f) propia de la locomotora

5

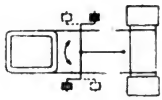
Zucken (n), Rucken (n)
recoiling motion
mouvement (m) de recul



подёргиваніе (n)
movimento (m) a scosse
movimiento (m) de vaivén *ó* de recule

6

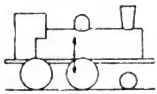
Drehen (n)
turning, rotating
[mouvement (m) de] lacet (m)



вращеніе (n)
rotazione (f)
movimiento (m) de lacet

7

Wogen (n)
vertical movement
mouvement (m) de galop



подбрасываніе (n); подпрыгиваніе (n)
movimento (m) di beccheggio
movimiento (m) de galope

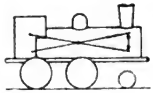
8

Wanken (n), Gaukeln (n)
rolling
mouvement (m) de roulis

боковая качка (f)
movimento (m) di rullio
balanceo (m)

9

Nicken (n), Stampfen (n), Galoppieren (n)
rocking, pitching
mouvement (m) de tangage



продольная качка (f); нырянье (n)
movimento (m) di galoppo
movimiento (m) de cabeceo

10

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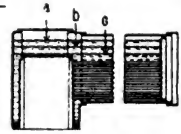
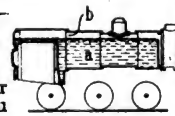
1	Massenwirkung (f) action of masses action (f) des masses [en mouvement]	дѣйствіе (n) массъ azione (f) delle masse acción (f) de las masas
2	Massenausgleich (m) balancing the masses équilibrage (m) des masses [en mouvement]	уравновѣшиваніе (n) массъ equilibrio (m) delle masse compensación (f) de las masas
	Lokomotivkessel	**Паровозные котлы**
3	**Locomotive Boiler**	**Caldaia di locomotiva**
	Chaudière de locomotive	**Caldera de locomotora**
4	Kesselwasser (n) water in boiler eau (f) de la chaudière	вода (f) въ котлѣ acqua (f) della caldaia agua (f) de la caldera
5	Wasserstand (m) water level niveau (m) de l'eau	уровень (m) воды livello (m) dell'acqua nivel (m) del agua
6	höchster Wasserstand (m) highest *or* maximum water level niveau (m) supérieur de l'eau	наивысшій уровень (m) воды livello (m) superiore *o* massimo dell'acqua nivel (m) superior del agua
7	mittlerer Wasserstand (m) mean water level niveau (m) moyen de l'eau	средній уровень (m) воды livello (m) medio dell'acqua nivel (m) medio del agua
8	niedrigster Wasserstand (m) lowest *or* minimum water level niveau (m) inférieur de l'eau	низшій уровень (m) воды livello (m) inferiore *o* minimo dell'acqua nivel (m) inferior del agua
9	Verdampfungsoberfläche (f) surface of evaporation surface (f) libre de l'eau	поверхность (f) испаренія superficie (f) di evaporazione dell'acqua superficie (f) libre del agua
10	Wasserraum (m) water space espace (m) occupé par l'eau, volume (f) d'eau	водяное пространство (n) spazio (m) d'acqua volumen (m) ocupado por el agua





a

Dampfraum (m) steam space espace (m) occupé par la vapeur, volume (m) de vapeur	b	паровое пространство (n) spazio (m) di vapore volumen (m) ocupado por el vapor	1
Kesseldampf (m) steam in boiler vapeur (f) de la chaudière		паръ (m) котла vapore (m) della caldaia vapor (m) de la caldera	2
Dampfspannung (f), absoluter Dampfdruck (m), Kesseldruck (m) steam pressure, absolute steam pressure tension (f) de la vapeur, pression (f) absolue de la vapeur	p	давленіе (n) пара; абсолютное давленіе пара tensione (f) del vapore, pressione (f) assoluta del vapore tensión (f) del vapor, presión (f) absoluta del vapor	3
Dampfüberdruck (m) steam pressure above atmospheric pression (f) [effective *ou* manométrique] de la vapeur (c. à d. celle au dessus de la pression atmosphérique)	$p - 1$ atm	давленіе (n) пара сверхъ атмосфернаго; манометрическое давленіе пара pressione (f) effettiva del vapore presión (f) efectiva del vapor	4
erlaubter *oder* genehmigter [*oder* konzessionierter] Höchstdruck (m) maximum permissible pressure haute pression (f) permise *ou* admissible		допускаемое наивысшее давленіе (n) alta pressione (f) permessa *o* concessa, pressione (f) massima alta presión (f) admisible	5
Dampfentwicklung (f) production of steam, getting up steam production (f) *ou* formation (f) de vapeur, vaporisation (f)		парообразованіе (n); образованіе (n) пара produzione (f) di vapore producción (f) de vapor, vaporización (f)	6
Steigerung(f) der Dampfspannung increase of the steam pressure augmentation (f) de la pression de vapeur		увеличеніе (n) давленія пара aumento(m) di pressione del vapore aumento (m) de la presión de vapor	7
Kesselleistung (f) boiler output puissance (f) de vaporisation de la chaudière		[паро]производительность (f) котла potenzialità (f) della caldaia potencia (f) [de vaporización] de la caldera	8

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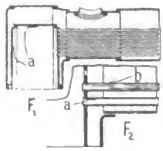

1	Heizfläche (f) heating surface surface (f) de chauffe		поверхность (f) нагрѣва superficie (f) riscaldata *o* di riscaldamento superficie (f) de calefacción
2	feuerberührte Heizfläche (f), innere Heizfläche (f) heating surface exposed to the fire, internal heating surface surface (f) de chauffe directe *ou* en contact avec les gaz du foyer, surface (f) de chauffe intérieure	a	поверхность (f) нагрѣва, омываемая огнемъ; внутренняя поверхность нагрѣва superficie (f) riscaldata direttamente, superficie (f) riscaldata interna superficie (f) de calefacción en contacto con el fuego, superficie (f) interior
3	wasserberührte Heizfläche (f), äußere Heizfläche (f) heating surface exposed to the water, external heating surface surface (f) de chauffe en contact avec l'eau, surface (f) de chauffe indirecte	b	поверхность (f) нагрѣва, омываемая водою; внѣшняя поверхность нагрѣва superficie (f) riscaldata indirettamente, superficie (f) riscaldata esterna superficie (f) de calefacción en contacto con el agua, superficie (f) indirecta de calefacción
4	Heizfläche (f) der Feuerkiste, unmittelbare Heizfläche (f) heating surface of the firebox surface (f) de chauffe de la boîte à feu	F_1	поверхность (f) нагрѣва огневой коробки superficie (f) riscaldata della camera del fuoco superficie (f) de calefacción de la caja de fuego
5	Rohrheizfläche (f), mittelbare Heizfläche (f) heating surface of tubes surface (f) de chauffe des tubes	F_2	поверхность (f) нагрѣва трубъ superficie (f) riscaldata dei tubi superficie (f) de calefacción de los tubos
6	Gesamtheizfläche (f) total heating surface surface (f) de chauffe totale	$F_1 + F_2$	полная поверхность (f) нагрѣва superficie (f) riscaldata totale superficie (f) de calefacción total
7	Wärmedurchgang (m) durch die Heizfläche transference of heat through the heating surface transmission (f) de la chaleur au travers de la surface de chauffe		переходъ (m) теплоты черезъ стѣнки поверхности нагрѣва passaggio (m) del calore attraverso la superficie riscaldata transmisión (f) del calor á través de la superficie de calefacción

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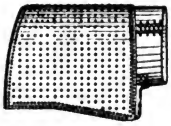
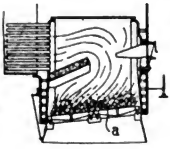
1. Stehkessel
Firebox
Boîte à feu et foyer



Топочная коробка съ задней вертикальной частью котла 1
Focolare
Caja de fuego y hogar



Lokomotivfeuerung (f), Feuerungseinrichtung (f) der Lokomotive
locomotive firing
foyer (m) de locomotive

топка (f) паровоза *или* локомотива
focolare (m) di locomotiva 2
hogar (m) de locomotora

Heizstoff (m), Brennstoff (m)
fuel
combustible (m)

a

топливо (n); горючее (n); [горючій матеріалъ (m); горючее вещество (n)]
combustibile (m)
combustible (m) 3

Steinkohle (f)
coal, pit coal
houille (f)

каменный уголь (m)
carbon[e] (m) fossile, antracite (m)
hulla (f), carbón (m) fósil *ó* de piedra 4

Steinkohlenfeuerung (f) (= Verfeuern von Steinkohle)
coal burning
chauffage (m) à la houille

топка (f) каменнымъ углёмъ
fuoco (m) a carbon fossile, ardere (m) del carbon fossile
calefacción (f) con hulla 5

Förderkohle (f), Rohkohle (f)
rough coal, coal coming from the mine, run of the mine (A)
tout-venant (m), charbon (m) brut

ископаемый [рудниковый] уголь (m)
carbone (m) greggio, carbone (m) di miniera
carbón (m) tal como sale de la mina, carbón (m) en bruto 6

Stückkohle (f)
lump *or* best coal, large coal
pérat (m), gros (m), charbon (m) en roche

крупный *или* отборный уголь (m); уголь въ крупныхъ кускахъ
carbone (m) fossile in pezzi
carbón (m) en pedazos, carbón (m) machacado grueso 7

Staubkohle (f)
coal-dust, culm
poussier (m), menu (m)

угольная пыль (f)
polvere (f) di carbone
carbón (m) fino *ó* en polvo 8

Korngröße (f) des Heizstoffes
size of fuel
grosseur (f) du combustible

величина (f) кусковъ угля
grossezza (f) *o* pezzatura (f) del combustibile
tamaño (m) del combustible 9

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Anthrazitkohle (f)
1 anthracite *or* hard (A) coal
anthracite (m)

антрацитъ (m)
antracite (m)
antracita (f)

Braunkohle (f)
2 brown coal, lignite
lignite (m)

бурый уголь (m); лигнитъ (m)
lignite (m)
lignito (m)

backende Kohle (f)
caking coal, close burning coal, bituminous coal
3 charbon (m) gras

спекающійся уголь (m); жирный *или* смолистый уголь
carbone (m) bituminoso, *o* grasso
hulla (f) blanda, carbón (m) aglutinante *ó* bituminoso

Preßkohle (f), Kohlenziegel (m), Brikett (n)
4 briquette
briquette (f), agglomeré (m)

брикетъ (m); прессованный уголь (m); угольный кирпичъ (m)
carbone (m) in mattonelle *o* in pani
briqueta (m), aglomerado (m)

Kok[s] (m)
5 coke
coke (m)

коксъ (m)
coke (m)
cok (m)

Torf (m)
6 peat, turf
tourbe (f)

торфъ (m)
torba (f)
turba (f)

Holzfeuerung (f)
7 wood burning
foyer (m) à bois

топка (f) дровами
focolare (m) per legna
hogar (m) para leña

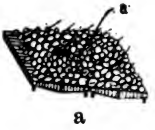
Verbrennungswärme (f)
8 heat of combustion
chaleur (f) de combustion

теплота (f) горѣнія
calore (m) di combustione
calor (m) de combustión

Verbrennungstemperatur (f)
9 combustion temperature
température (f) de [la] combustion

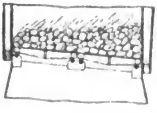
температура (f) сгоранія
temperatura (f) della combustione
temperatura (f) de combustión

Feuerschicht (f), Brennstoffschicht (f)
10 body *or* bed of fuel
couche (f) de combustible



слой (m) топлива *или* горючаго
strato (m) di combustibile ardente
capa (f) de combustible ardiente

hohe Feuerschicht (f)
11 thick *or* deep layer of fuel
feu (m) haut couche (f) épaisse de combustible



толстый слой (m) топлива *или* горючаго
strato (m) alto di combustibile ardente
capa (f) alta de combustible ardiente, fuego (m) espeso

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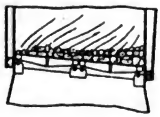
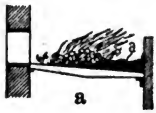
niedrige Feuerschicht (f)
shallow *or* thin *or* low layer of fuel
feu (m) bas, couche (f) mince de combustible



тонкій слой (m) топлива *или* горючаго
strato (m) basso di combustibile ardente
capa (f) baja de combustible ardiente, fuego (m) ligero

1

Schlacke (f)
clinker
scorie (f), scories (f pl), mâchefer (m)



шлакъ (m); шлаки (m pl)
scoria (f), scorie (f pl)
escorias (f pl)

2

---

fließende Schlacke (f)
liquid clinker
scorie (f) liquide

жидкіе шлаки (m pl)
scoria (f) liquida
escorias (f pl) liquidas

3

Asche (f)
ash
cendre (f), cendres (f pl)

зола (f)
cenere (f)
cenizas (f pl)

4

---

absoluter Aschengehalt (m)
absolute *or* actual percentage of ash
teneur (f) absolue en cendre[s]

абсолютное содержаніе (n) золы
contenuto (m) assoluto o percentuale di cenere
contenido (m) absoluto de cenizas

5

Ruß (m)
soot
suie (f)

сажа (f)
fuliggine (f)
hollin (m)

6

Lösche (f)
cinders
fraisil (m), escarbilles (f pl)

каменноугольный мусоръ (m)
polvere (f) di carbone
escarbillas (f pl), carbonillas (f pl)

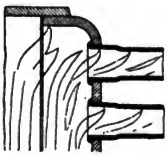
7

Feuergase (n pl), Verbrennungsgase (n pl)
flue gases, gases of combustion
gaz (m pl) du foyer, gaz (m pl) de la combustion

горючіе *или* огневые газы (m pl)
gas (m) della combustione
gases (m pl) de combustión

8

Stichflamme (f)
flame tongue
dard (m) de flamme, flamme (f) du [coup de] feu



остроe пламя (n); ударное пламя
colpo (m) *o* dardo (m) di fiamma
dardo (m) de llama, llama (f) delgada

9

Wärmeabfall (m) der Heizgase
fall *or* loss of temperature in the heating gases
chute (f) de température des gaz chauds

пониженіе (n) температуры горючихъ газовъ
caduta (f) di temperatura dei gas caldi
caída (f) de temperatura de los gases calientes

10

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Rauchkammergase (n pl)
1 smoke box gases
gaz (m pl) de la boîte à fumée
газы (m pl) дымовой коробки
gas (m) della camera da fuoco
gases (m pl) de la caja de humos

Verbrennung (f)
2 combustion
combustion (f)
горѣніе (n); сгораніе (n)
combustione (f)
combustión (f)

---

gleichmäßige Verbrennung (f)
3 uniform combustion
combustion (f) uniforme *ou* régulière
равномѣрное сгораніе (n)
combustione (f) uniforme
combustión (f) uniforme

---

ungleichmäßige Verbrennung (f)
4 non-uniform *or* irregular combustion
combustion (f) non uniforme *ou* irrégulière
неравномѣрное сгораніе (n)
combustione (f) irregolare
combustión (f) irregular

---

stündliche Verbrennung (f) auf 1 m² Rostfläche
combustion per hour per square meter (square foot) of grate area
5 combustion (f) horaire (*ou* par heure et) par m² de surface de grille
сгораніе (n) въ часъ на квадратный метръ колосниковой рѣшётки
combustione (f) oraria per m² di superficie di graticola
combustión (f) por hora y por m² de superficie de parrilla

Verdampfungsfähigkeit (f), Verdampfungsvermögen (n)
6 evaporative capacity
puissance (f) de vaporisation
испарительная способность (f)
capacità (f) di vaporizzazione
capacidad (f) de vaporización

---

n-fache Verdampfung (f)
production per *n* lb of steam per lb of coal
7 production (f) de *n* kilos de vapeur par kilo de houille
n-кратная испарительная способность (f)
produzione (f) di *n* chilogrammi di vapore per chilogramma di combustibile
producción (f) de *n* kilos de vapor por un kilo de hulla

---

stündliche Verdampfung (f) auf 1 m² Heizfläche
evaporation per hour per square meter (square foot) of heating surface
8 vaporisation (f) horaire (*ou* par heure et) par m² de surface de chauffe
паропроизводительность (f) въ часъ одного квадратнаго метра поверхности нагрѣва
vaporizzazione (f) oraria per m² di superficie riscaldata
vaporización (f) por hora y por m² de superficie de calefacción

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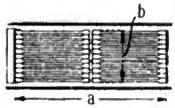
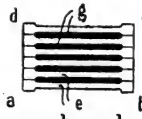
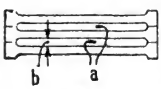
Rost (m) grate grille (f)		колосниковая рѣшётка (f) graticola (f), griglia (f) parrilla (f), emparrillado (m)
Rostlänge (f) length of grate longueur (f) de grille		длина (f) колосниковой рѣшётки lunghezza (f) della graticola longitud (f) de la parrilla *ó* del emparrillado
	a	
Rostbreite (f) width of grate largeur (f) de grille	b	ширина (f) колосниковой рѣшётки larghezza (f) della griglia *o* graticola anchura (f) de la parrilla *ó* del emparrillado
Rostfläche (f) grate area *or* surface surface (f) *ou* aire (f) de grille	a · b	площадь (f) колосниковой рѣшётки superficie (f) *od* area (f) della graticola superficie (f) de la parrilla *ó* del emparrillado
gesamte *oder* totale Rostfläche (f) total grate area, surface (f) totale de la grille	 a b c d	полная площадь (f) колосниковой рѣшётки superficie (f) coperta della griglia superficie (f) total de la parrilla *ó* del emparrillado
tote Rostfläche (f) covered grate area surface (f) des barreaux de la grille	e	мёртвая (безполезная) площадь (f) колосниковой рѣшётки superficie (f) morta delle sbarre di griglia superficie (f) de las barras de parrilla *ó* de emparrillado
freie *oder* wirksame Rostfläche (f) effective *or* useful grate area surface (f) des vides de la grille	g	живое сѣченіе (n) колосниковой рѣшетки superficie (f) libera della griglia superficie (f) libre de la parrilla *ó* del emparrillado
Rostspalt (m), Rostfuge (f) air space between fire bars vide (m) *ou* jour (m) de grille, intervalle (m) entre les barreaux de grille	 a	зазоръ (m); прозоръ (m); просвѣтъ (m) spazio (m) libero fra le sbarre della griglia intersticio (m) entre las barras de la parrilla

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Spalt[en]weite (f),
Schlitzweite (f)
1 width between fire bars
largeur (f) des vides

b

ширина (f) зазора *или* прозора *или* просвѣта
interspazio (m) *od* ampiezza (f) dello spazio libero fra le sbarre della griglia
anchura (f) de los intersticios

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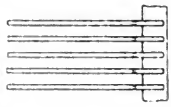
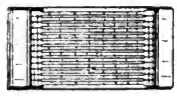
weitspaltiger Rost (m)
grate with wide openings
2 grille (f) à larges vides *ou* à barreaux espacés



колосниковая рѣшётка (f) съ широкими зазорами *или* прозорами *или* просвѣтами
griglia (f) a grandi interspazi
emparrillado (m) de intersticios anchos, parrilla (f) clara

---

engspaltiger Rost (m)
grate with narrow openings
3 grille (f) à vides étroits *ou* à barreaux serrés



колосниковая рѣшётка (f) съ узкими зазорами *или* прозорами *или* просвѣтами
griglia (f) a piccoli interspazi
emparrillado (m) de intersticios estrechos, parrilla (f) espesa

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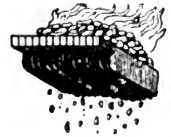
Durchfallen (n) der Kohle durch den Rost
falling of the coal
4 through the grate openings
chute (f) des charbons à travers la grille

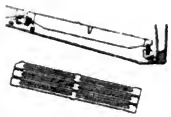


проваливаніе (n) угля черезъ колосниковую рѣшётку
caduta (f) di carbone attraverso la griglia
caída (f) del carbón através del emparrillado

Roststab (m)
5 fire bar, grate bar (A)
barreau (m) de grille

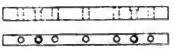
колосникъ (m)
sbarra (f) di griglia
barra (f) de emparrillado ó de parrilla

Doppelroststab (m),
Zwillingsroststab (m)
6 double fire *or* grate bar
barreau (m) double



двойной колосникъ (m)
sbarra (m) doppia
barra (f) doble

Rost[stab]träger (m),
Rostbalken (m)
7 fire bar bearer, fire grate carrier
sommier (m) de grille



колосниковая балка (f) *или* поддержка (f); балка, поддерживающая колосниковую рѣшётку
sopporto (m) *o* trave (m) della graticola
dormiente (m) de parrilla, longuerine (f) transversal de parrilla

---

Rostplatte (f)
grate plate
8 grille (f) [fondue] d'une seule pièce

плита (f) колосниковой рѣшетки; пластинчатый колосникъ (m)
piastra (f) della graticola
placa (f) de fundición de emparrillado en una pieza

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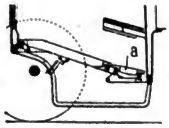
Klapprost (m), Kipprost (m)
dump grate, drop grate
grille (f) basculante, grille (f) jette-feu

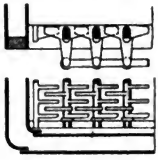


a

откидная рѣшётка (f)
griglia (f) a cerniera
emparrillado (m) de báscula

1

Schüttelrost (m)
rocking grate, shaking grate
grille (f) à secousses



подвижная качающаяся колосниковая рѣшётка (f); рѣшётка со встряской
griglia (f) a scosse
emparrillado (m) sacudidor, parrilla (f) à sacudidas

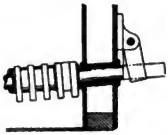
2

Kipplatte (f)
dump plate
grille (f) *ou* plaque (f) basculante

поворотная *или* опрокидная плита (f)
piastra (f) a cerniera
placa (f) de báscula

3

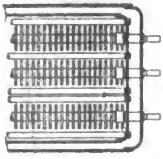
Kipproststab (m)
dump grate rod
barreau (m) de grille basculante



поворотный *или* опрокидной колосникъ (m)
sbarra (f) di graticola a cerniera
barra (f) de emparrillado *ó* de parrilla de báscula

4

Wasserrost (m), Wasserrohrrost (m)
water-tube grate
grille (f) à tubes d'eau



колосниковая рѣшётка (f) съ водянымъ охлажденіемъ *или* съ водяной циркуляціей
griglia (f) a tubi di acqua
emparrillado (m) *ó* parrilla (f) de tubos de agua

5

den Rost beschicken (v)
to fire, to stoke
alimenter (v) *ou* charger (v) le foyer, alimenter (v) *ou* charger (v) le feu

забрасывать топливо на колосниковую рѣшётку
caricare (v) il focolare, alimentare (v) il fuoco
cargar (v) el hogar

6

den Rost abschlacken (v)
to remove the clinker from the fire bars
décrasser (v) la grille

очистить рѣшётку отъ шлака
pulire (v) la graticola dalle scorie
limpiar (v) el emparrillado *ó* la parrilla

7

Verziehen (n) *oder* Werfen (n) der Roststäbe
warping of the grate bars
gauchissement (m) *ou* déformation (f) *ou* faussage (m) des barreaux

кобленіе (n) колосниковъ
piegarsi (m) *o* incurvarsi (m) delle sbarre
torcedura (f) de las barras del emparrillado *ó* de la parrilla

8

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1
Zuführung (f) von Oberluft
introduction of air above the grate
introduction (f) d'air au-dessus de la grille

подводъ (m) воздуха сверху *или* поверхъ рѣшётки
introduzione (f) dell'aria al di sopra della graticola
inyección (f) de aire encima del emparrillado

2
Aufreißen (n) des Feuers durch die Zugwirkung
breaking up of the fire by the draught
arrachement (m) de la flamme par suite du tirage

срываніе (n) огня посредствомъ тяги
sventramento (m) del fuoco in seguito al tiraggio *o* della corrente d'aria
abertura (f) del fuego por la acción del tiro

3
Bedienung (f) des Feuers
firing, stoking
conduite (f) du feu

обслуживаніе (n) топки
servizio (m) del fuoco
alimentación (f) del fuego, carga (f) del hogar

4
das Feuer bedienen (v)
to stoke the fire
conduire (v) le feu

обслуживать топку: управлять огнёмъ
mantenere (v) il fuoco
conducir (v) el fuego

5
heizen (v), feuern (v)
to heat, to fire
chauffer (v)

топить
accendere (v) il fuoco, attivare (v) il fuoco
calentar (v)

6
Feueranfachung (f)
drawing *or* blowing up the fire
activer (v) le feu par soufflage

растопка (f)
attivare (m) del fuoco col tiraggio
activar (v) la combustión

7
anheizen (v), die Feuerung in Gang setzen (v)
to light *or* start the fire
allumer (v) le feu

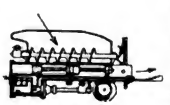
развести (разводить) огонь; зажечь огонь
accendere (v) il fuoco
poner (v) en marcha la caldera

8
die Feuerung regeln (v)
to regulate the fire
régler (v) le feu

регулировать огонь *или* топку
regolare (v) il fuoco
regular (v) el fuego

9
die Feuerung dämpfen (v) *oder* abstellen (v)
to stop the fire
arrêter (v) *ou* jeter (v) le feu

прервать (прерывать) огонь; заглушить *или* остановить топку
sospendere (v) l'accensione, smorzare (v) il fuoco
parar (v) el fuego



10
selbsttätige Feuerungseinrichtung (f)
automatic *or* mechanical stoker
appareil (m) automatique pour la conduite du feu

автоматическое устройство (n) топки
apparecchio (m) indipendente dell'avviamento del fuoco
aparato (m) automático para la conducción del fuego

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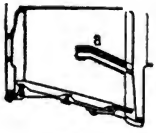
Feuergewölbe (n), Feuerschirm (m)
brick arch, baffle plate
voûte (f) de foyer

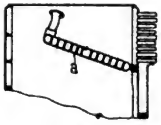


a

отражательный сводъ (m) *или* козырёкъ (m) огневой коробки
voltino (m) del focolare, schermo (m) pel fuoco
boveda (f) del hogar

1

Tenbrinksieder (m)
Tenbrink tube
bouilleur (m) Tenbrink

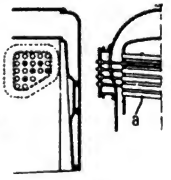


a

кипятильникъ (m) Тенбринка
bollitore (m) Tenbrink
hervidor (m) Tenbrink

2

Quersieder (m)
cross tube
bouilleur (m) transversal

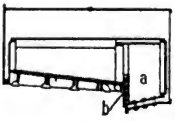


a

поперечный кипятильникъ (m)
bollitore (m) trasversale
hervidor (m) transversal

3

Verbrennungskammer (f), Verbrennungsraum (m)
combustion chamber
chambre (f) de combustion



a

камера (f) горѣнія; пространство (n) горѣнія; топка (f)
camera (f) di combustione
cámara (f) de combustión

4

Feuerbrücke (f)
fire bridge
autel (m) de foyer

b

топочный порогъ (m); порогъ въ топкѣ
altare (m) del focolare
altar (m) del hogar

5

Rauchverbrennung (f), Rauchverzehrung (f)
smoke combustion, consumption of smoke
fumivorité (f), combustion (f) de la fumée

сжиганіе (n) дыма; дымосожиганіе (n)
fumivorità (f)
combustión (f) del humo, fumivoridad (f)

6

Rauch (m)
smoke
fumée (f)

дымъ (m)
fumo (m)
humo (m)

7

Rauchbildung (f)
formation of smoke
formation (f) *ou* production (f) de fumée

образованіе (n) дыма
produzione (f) di fumo
formación (f) del humo

8

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rauchbildende Dämpfe (m pl)
smoke producing vapours
gaz (m pl) engendrant la fumée

пары (m pl), образующіе дымъ; дымящіеся пары
vapori (m pl) fumigeni
gases (m pl) generadores de humo

9

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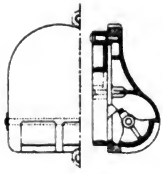
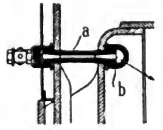
1	Kohlenwasserstoff (m) hydrocarbon hydrocarbure (m)	$C_n\ H_m$	углеводородъ (m) idrocarburo (m) hidrocarburo (m)
2	schwefligsaures Gas (n) sulphurous gas gaz (m) sulfureux *ou* sulfhydrique (acide)		сѣрнистый газъ (m) gas (m) solforato gas (m) sulfurado
3	Rauchbelästigung (f) smoke nuisance nuisance (f) par la fumée		порча (f) воздуха дымомъ molestia (f) del fumo molestia (f) por el humo
4	Rauchlosigkeit (f) absence of smoke absence (f) de fumée		безадымность (f) assenza (f) di fumo ausencia (f) de humo
5	rauchfreie Verbrennung (f) smokeless combustion combustion (f) sans production de fumée *ou* fumivore		безадымное сжиганіе (n) *или* горѣніе (n) combustione (f) senza fumo combustión (f) sin [formación de] humo
6	rußfreie Verbrennung (f) combustion without the formation of soot combustion (f) sans suie		сжиганіе (n) *или* горѣніе (n) безъ сажи combustione (f) senza fuliggine combustión (f) sin [formación de] hollín
7	Rauchverbrennungseinrichtung (f) smoke consuming device [appareil (m)] fumivore (m)		устройство (n) для дымосожиганія apparecchio (m) fumivoro instalación (f) fumívora
8	Lufteinlaßöffnung (f) in der Feuertüre air inlet in the fire door [orifice (m) *ou* régistre (m) d'] appel (m) d'air par la porte du foyer		отверстіе (n) для впуска воздуха черезъ топочныя дверцы; розетка (f) richiamo (m) d'aria nella porta del focolare registro (m) ó [orificio (m) de] entrada (f) de aire en la puerta del hogar
9	hohler Stehbolzen (m) hollow stay bolt entretoise (f) creuse	 a b	полый *или* пустотѣлый распорный болтъ (m); полая топочная связь (f) chiavarda (f) *o* tirante (m) con foro centrale virotillo (m) hueco
10	Düsenkopf (m) nozzle head tête (f) de tuyère		глухая гайка (f); шляпка (f) testa (f) d'ugello cabeza (f) de tobera

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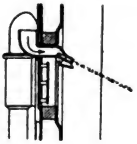
Winddüse (f)
air nozzle
tuyère (f) à vent



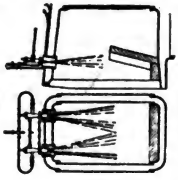
воздушное сопло (n); насадка (f) воздуходувки
ugello (m) di tiraggio
tobera (f) de tiro
1

---

flüssiger Heizstoff (m)
liquid fuel
combustible (m) liquide

жидкое топливо (n)
combustibile (m) liquido
combustible (m) liquido
2

Ölfeuerung (f)
oil burning *or* blast
foyer (m) à combustible liquide



топка (f) для жидкаго топлива
focolare (m) ad olio
hogar (m) para aceite
3

Rohöl (n)
crude oil
huile (f) brute *ou* lourde

сырая нефть (f)
olio (m) greggio
aceite (m) bruto ó pesado
4

Naphtha (n)
naphtha
naphte (m)

нефть (f)
nafta (f)
nafta (f)
5

Erdölrückstände (m pl)
residues of rock-oil
mazout (m), résidus (m pl) de pétrole

нефтяные остатки (m pl); мазутъ (m)
residui (m pl) di petrolio
residuos (m pl) del petróleo
6

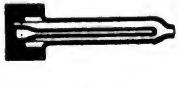
Gasteer (m)
gas-tar
goudron (m) de gaz

газовая смола (f); гудронъ (m)
catrame (m) di gas
alquitrán (m) de gas
7

Dünnflüssigkeit (f) des Öles
fluidity of the oil
grande fluidité (f) de l'huile

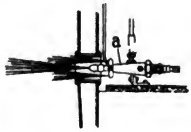
текучесть (f) *или* степень (f) густоты масла (нефти)
grande fluidità (f) dell'olio
gran fluidez (f) del combustible líquido
8

Brennervorrichtung (f)
burner device *or* arrangement
[dispositif (m) de] brûleur (m), injecteur (m), chalumeau (m)



горѣлка (f)
apparecchio (m) di combustione
inyector (m), quemador (m) (de petróleo)
9

Zerstäuben (n) des Öles
spraying *or* atomising of the oil
pulvérisation (f) de l'huile



распыленіе (n) масла (нефти)
polverizzazione (f) dell'olio
pulverización (f) del combustible líquido
10

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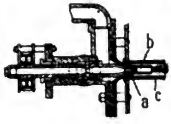
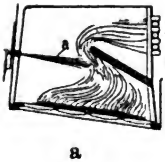
1	das Öl zerstäuben (v) to spray *or* atomise the oil pulvériser (v) l'huile		распылить масло (нефть) polverizzare (v) l'olio pulverizar (v) el combustible liquido
2	Ölzerstäuber (m), Ölbläser (m) oil sprayer *or* atomiser pulvérisateur (m) d'huile	a	форсунка (f) *или* пульверизаторъ (m) *или* распылитель (m) для масла (нефти) polverizzatore (m) d'olio pulverizador (m) del combustible liquido
3	Dampfstrahlzerstäuber (m) steam jet sprayer *or* atomiser pulvérisateur (m) à jet de vapeur		пароструйный распылитель (m); пароструйная форсунка (f) polverizzatore (m) a getto di vapore pulverizador (m) de chorro de vapor
4	Dampfdüse (f) steam nozzle tuyère (f) à vapeur	a	паровое сопло (n); конусъ (m) *или* насадка (f) для пара ugello (m) *o* tubo (m) pel vapore tobera (f) de vapor
5	Öldüse (f) oil nozzle tuyère (f) à huile	b	сопло (n) *или* конусъ (m) *или* насадка (f) для масла (нефти) ugello (m) *o* tubo (m) per l'olio tobera (f) de combustible liquido
6	das Öl einspritzen (v) to inject the oil injecter (v) l'huile		впрыскивать масло (нефть) iniettare (v) l'olio inyectar (v) el combustible liquido
7	Einspritzdüse (f) injector nozzle tuyère (f) d'injection	c	сопло (n) для впрыскиванія ugello (m) d'iniezione tobera (f) de inyección
8	das Öl anwärmen (v) to warm the oil réchauffer (v) l'huile		подогрѣ-ть (-вать) масло (n) (нефть) riscaldare (v) l'olio recalentar (v) el combustible liquido
9	Zusatzfeuerung (f) mittels Öl additional *or* supplementary firing with oil brûleur (m) additionnel à combustible liquide		дополнительная топка (f) масломъ (нефтью) focolare (m) addizionale ad olio quemador (m) adicional de combustible liquido

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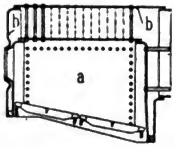

Feuerbüchse (f), Feuerkiste (f)
firebox
boîte (f) à feu et foyer (m)

огневая *или* топочная коробка (f); топка (f); огневое пространство (n) 1
cassa focolare (f)
caja (f) de fuego y hogar (m)

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innere Feuerbüchse (f)
inside fire-box
foyer (m)

a

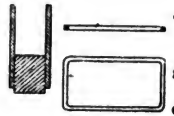
внутренняя огневая коробка (f)
cassa-focolare (f) interna
hogar (m) 2

Feuerkistenmantel (m), äußere Feuerbüchse (f)
outside shell of firebox
boîte (f) à feu

b

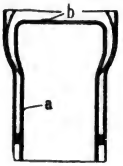
кожухъ (m) огневой коробки; наружная топочная коробка (f)
cassa-focolare (f) esterna, portafocolaio (m)
caja (f) de fuego 3

Bodenring (m), Fußring (m), Feuerbüchsrahmen (m), Grundring (m)
firebox ring, foundation ring
cadre (m) du foyer



топочная рама (f); нижній топочный вѣнецъ (m)
anello (m) di fondo, quadro (m) di base
cuadro (m) del hogar 4

Feuerkistenwand (f)
wall of firebox
paroi (f) du foyer



a

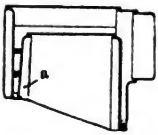
стѣнка (f) огневой коробки; шинельный листъ (m)
parete (f) della cassa-focolare, parete (f) del portafocolaio
pared (f) de la caja de fuego 5

Feuerkistendecke (f)
firebox crown
ciel (m) de foyer

b

нёбо (n) *или* потолокъ (m) огневой коробки
cielo (m) della cassa-focolare
cielo (m) de la caja de fuego 6

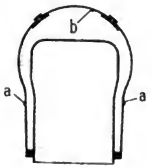
Türwand (f)
back plate of firebox, fire door plate
paroi (m) où se trouve la porte



a

лобовой листъ (m); стѣнка (f) съ топочнымъ отверстіемъ
parete (f) della bocca-porta
pared (f) donde se halla la puerta 7

Seitenplatte (f), Seitenblech (n)
side plate
plaque (f) *ou* paroi (f) latérale de boîte à feu



a

боковой листъ (m)
parete (f) laterale, lamiera (f) laterale
placa (f) ó pared (f) lateral [de caja de fuego] 8

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Feuerkistenmanteldecke (f)
1 firebox crown plate *or* crownsheet (A)
dessus (m) de boîte à feu

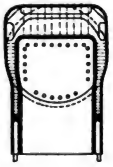
b

потолочный листъ (m)
lamiera (f) del cielo, cielo (m) del portafocolaio
plancha (f) del cielo

runde Manteldecke (f)
round firebox crownsheet *or* plate
2 berceau (m) cylindrique [de boîte à feu]

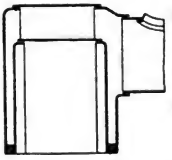
круглый потолокъ (m) кожуха котла
cielo (m) tondo del portafocolaio
semicilindrico (m) de la caja de fuego

flache Manteldecke (f), Belpairesche Decke (f)
flat firebox crownsheet, Belpaire crownsheet
3 dessus (m) plat [de boîte à feu], dessus (m) plat Belpaire



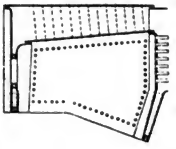
плоскій потолокъ (m) кожуха котла; потолокъ Бельпэра
cielo (m) piatto del portafocolaio, cielo (m) del portafocolaio Belpaire
cielo (m) plano de la caja de fuego

überhöhte Manteldecke (f)
raised *or* elevated firebox crown
4 dessus (m) *ou* ciel (m) de boîte à feu surhaussé.



приподнятый потолокъ (m) кожуха котла
cielo (m) sopraelevato del portafocolaio
cielo (m) de la caja de fuego peraltado

nach hinten gesenkte Feuerkistendecke (f)
crownsheet *or* plate
5 sloping towards the back
ciel (m) de foyer incliné vers l'arrière

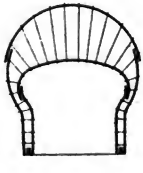


наклонное къ заду нёбо (n) огневой коробки
cielo (m) del portafocolaio inclinato all' indietro
cielo (m) del hogar inclinado hacia atrás

Sattelplatte (f), Gürtelplatte (f), Stiefelknechtplatte (f), Krebs (m), Kröpfwand (f), Krebsblech (n)
6 waist *or* saddle *or* throat plate, waist sheet (A)
tôle (f) *ou* selle (f) d'avant de boîte à feu

ухватный листъ (m); передній листъ [огневой коробки] съ вырѣзомъ для котла
lamiera (f) di cintura, lamiera (f) a sella
placa (f) ó silla (f) delantera [de caja de fuego]

nach unten verjüngte *oder* eingezogene Feuerbüchse (f)
7 narrow firebox
boîte (f) à feu rétrécie dans le bas



суживающаяся книзу огневая коробка (f)
portafocolaio (m) ristretto inferiormente
caja (f) de fuego estrechada por abajo

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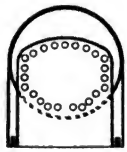
breite Feuerbüchse (f)
wide firebox
boîte (f) à feu large



широкая огневая коробка (f) *или* топка (f) 1
portafocolaio (m) largo
caja (f) de fuego ancha

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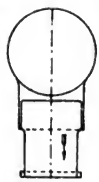
die Feuerbüchse nach unten herausnehmen (v)
to take out the firebox from below
retirer (v) le foyer par le bas



вынимать огневую коробку снизу
estrarre (v) la cassa-focolare dal basso 2
extraer (v) el hogar por debajo

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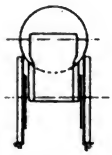
zwischen die Rahmen herabreichende Feuerkiste (f)
firebox fixed between the frames
boîte (f) à feu descendant entre les longerons



огневая коробка (f), опускающаяся между стѣнками рамы
cassa-focolare (f) discendente tra i longheroni 3
caja (f) de fuego encajada entre los bastidores

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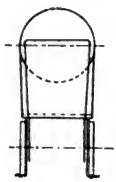
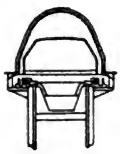
auf die Rahmen gestellte Feuerkiste (f)
firebox mounted *or* resting on the frame
boîte (f) à feu posée sur le châssis



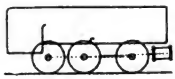
огневая коробка (f) вынесена надъ рамою
cassa-focolare (f) posata sui longheroni 4
caja (f) de fuego apoyada sobre el cuadro

über die Rahmen verbreiterte Feuerbüchse (f)
frame-overhanging firebox
foyer (m) débordant



огневая коробка (f), шире рамы
camera (f) di combustione *o* da fuoco sporgente dal telaio 5
hogar (m) que extendese fuera del bastidor

überhängende Feuerkiste (f)
end-projecting firebox
foyer (m) en retrait sur l'essieu d'arrière



свѣшивающаяся огневая коробка (f)
focolaio (m) *o* camera (f) da fuoco in posizione posteriore dell'ultimo asse 6
hogar (m) colocado atrás del eje posterior

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zylindrische Feuerbüchse (f)
cylindrical firebox
boîte (f) à feu cylindrique

цилиндрическая огневая коробка (f) *или* топка (f) 7
cassa-focolare (f) cilindrica
caja (f) de fuego cilíndrica

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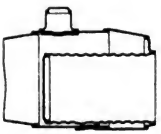
1 Wellrohrfeuerbüchse (f), corrugated firebox
foyer (m) cylindrique ondulé

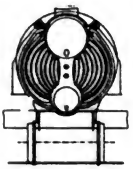


огневая коробка (f) изъ волнистой трубы; волнистая огневая труба (f)
cassa-focolare (f) a tubo ondulato
hogar (m) cilíndrico ondulado

2 Feuerbüchse (f) mit drei Wellrohren
firebox with three corrugated tubes
boite (f) à feu à trois foyers cylindriques ondulés

огневая коробка (f) съ тремя волнистыми трубами
cassa-focolare (f) a tre tubi ondulati
caja (f) de fuego con tres hogares cilíndricos ondulados

3 Wasserrohrkessel (m), Brotankessel (m)
water tubular boiler
chaudière (f) à tubes d'eau



водотрубный [паровой] котёлъ (m); котёлъ Бротана [съ водотрубной топкой]
caldaia (f) a tubi bollitori, caldaia (f) Brotan
caldera (f) con tubos de agua

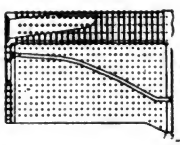
4 kupferne Feuerbüchse (f)
copper firebox
boite (f) à feu en cuivre

мѣдная огневая коробка (f)
cassa-focolare (f) in rame
caja (f) de fuego de cobre

5 flußeiserne Feuerbüchse (f)
mild steel firebox
boite (f) à feu en acier

огневая коробка (f) изъ литого желѣза
cassa-focolare (f) in ferro omogeneo
caja (f) de fuego de hierro dulce

6 Verankerung (f)
staying, bracing
entretoisement (m), armature (f)

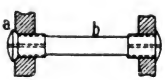


укрѣпленіе (n) анкерами
attacco (m) con tiranti
entramado (m), arriostrado (m)

7 die Wände absteifen (v) *oder* verankern (v)
to stay *or* brace the sides
entretoiser (v) *ou* consolider (v) les parois

укрѣп-ить (-лять) (скрѣп-ить (-лять)) стѣнки котла
rinforzare (v) le pareti
atirantar (v) ó reforzar (v) las paredes

8 Stehbolzen (m)
staybolt, stay
entretoise (f)



распорный болтъ (m); связь (f)
chiavarda (f) passante, tirantino (m)
virotillo (m)

9 Stehbolzenkopf (m)
head of staybolt
tête (f) d'entretoise

головка (f) распорнаго болта *или* связи
testa (f) *o* capocchia (f) di chiavarda passante
cabeza (f) del virotillo

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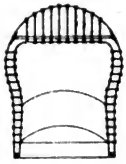
Stehbolzenschaft (m)
staybolt body *or* shank
corps (m) *ou* tige (f) d'entretoise

b

стержень (m) распорнаго болта *или* связи
gambo (m) della chiavarda passante
cuerpo (m) del virotillo



Stehbolzenverankerung (f)
staying *or* bracing by means of staybolts
entretoisement (m)

укрѣпленіе (n) распорными болтами *или* связями
attacco (m) con chiavarde passanti
consolidación (f) por virotillos, entramado (m)

Seitenstehbolzen (m)
side staybolt
entretoise (f) latérale

боковой распорный болтъ (m); боковая связь (f)
chiavarda (f) passante laterale
virotillo (m) lateral

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eiserner Stehbolzen (m), Eisenstehbolzen (m)
iron staybolt
entretoise (f) en fer

желѣзный распорный болтъ (m); желѣзная связь (f)
chiavarda (f) passante in ferro
virotillo (m) de hierro

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kupferner Stehbolzen (m), Kupferstehbolzen (m)
copper staybolt
entretoise (f) en cuivre

мѣдный распорный болтъ (m); мѣдная связь (f)
chiavarda (f) passante in rame, (m) tirantino di rame
virotillo (m) de cobre

Stehbolzen (m) aus Mangankupfer
manganese-copper staybolt
entretoise (f) en cuivre manganésé

распорный болтъ (m) *или* связь (f) изъ марганцовой мѣди
chiavarda (f) passante in rame manganese
virotillo (m) de cobre manganésico

---

nachgiebiger Stehbolzen (m)
expansion staybolt
entretoise (f) flexible

распорный болтъ (m) съ продольнымъ расширеніемъ; податливый распорный болтъ
chiavarda (f) passante dilatabile
virotillo (m) de dilatación

---

verlängerter Stehbolzen (m)
elongated *or* lengthened staybolt
entretoise (f) prolongée

удлинённый распорный болтъ (m); удлинённая связь (f)
chiavarda (f) passante prolungata
virotillo (m) prolongado

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1 aufgeschlitzter Stehbolzen (m)
slit staybolt
entretoise (f) fendue

распорный болтъ (m) *или* связь (f) съ прорѣзомъ
chiavarda (f) passante fessa
virotillo (m) hendido

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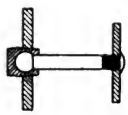
2 gelenkiger *oder* beweglicher Stehbolzen (m)
flexible staybolt
entretoise (f) articulée



шарнирный распорный болтъ (m); шарнирная связь (f)
chiavarda (f) passante articolata
virotillo (m) articulado

---

3 den Stehbolzen eindrehen (v) *oder* einziehen (v) *oder* einspannen (v)
to screw in *or* insert the staybolt
fixer (v) *ou* serrer (v) les entretoises

ввернуть *или* завернуть распорный болтъ *или* связь
serrare (v) il tirante verticale
apretar(v) los virotillos *ó* las riostras *ó* los tirantes verticales, atornillar (v) los tirantes en las chapas

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4 den Stehbolzen köpfen (v), den Stehbolzenkopf [nieder-]stauchen (v)
to rivet over the stay bolt *or* stay
river (v) l'entretoise, écraser (v) la tête d'entretoise

расклепать распорный болтъ *или* связь; расклепать головку распорнаго болта
ribadire (v) la testa del tirante verticale
remachar (v) la riostra *ó* el virotillo

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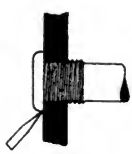
5 Verstemmen (n) des Stehbolzens
caulking *or* calking (A) of the staybolt
rivetage (m) de l'entretoise



зачеканка (f) распорнаго болта *или* связи
pressellatura (f) della chiavarda passante
remachado (m) del virotillo

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6 Anbohrung (f) des Stehbolzens
drilling the end of the staybolt
perçage (m) de (la tête de) l'entretoise

сверленіе (n) распорнаго болта *или* связи
foratura (f) della chiavarda passante
taladro (m) en el extremo del virotillo

---

7 die Stehbolzen anbohren (v)
to drill the end of the staybolt
percer (v) les entretoises à leur extrémité

надсверлить распорные болты *или* связи
forare (v) le chiavarde passanti all'estremità
hacer (v) un taladro en la extremidad del virotillo

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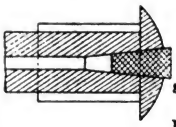
den Stehbolzen aufdornen (v)
to drift the stay bolt
ouvrir (v) la tête au moyen d'un mandrin



расковать *или* расклинить головку распорнаго болта *или* связи; закрѣпить распорный болтъ посредствомъ расклинки головки 1
allargare (v) la testa del tirante verticale
mandrilar (v) *ó* abrir (v) con el mandril la cabeza de la riostra

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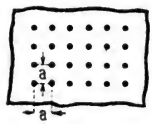
Stehbolzenteilung (f)
staybolt pitch
écartement (m) *ou* espacement (m) des entretoises



разстояніе (n) между распорными болтами *или* между связями
passo (m) tra chiavarde passanti 2
paso (m) de los virotillos, distancia (f) entre los virotillos

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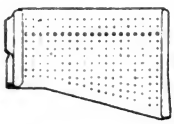
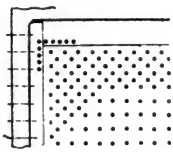
Stehbolzenreihe (f)
row of staybolts
rangée (f) d'entretoises



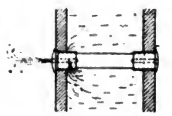
рядъ (m) распорныхъ болтовъ *или* связей
fila (f) di chiavarde passanti 3
fila (f) de virotillos

Zwischenstehbolzen (m)
intermediate staybolt
entretoise (f) intermédiaire



промежуточный распорный болтъ (m); промежуточная связь (f) 4
chiavarda (f) passante intermedia
virotillo (m) intermedio

Stehbolzenanbruch (m)
semi-fracture of the stay bolt
rupture (f) partielle d'entretoise

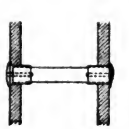


надломъ (m) распорнаго болта *или* связи
rottura (f) parziale del tirante verticale 5
rotura (f) *ó* ruptura (f) parcial de un virotillo

Stehbolzenbruch (m)
fracture of staybolt
rupture (f) d'entretoise

поломка (f) *или* обрывъ (m) *или* разрывъ (m) распорнаго болта *или* связи 6
rottura (f) di chiavarda passante
rotura (f) del virotillo

Abzehrung (f) der Stehbolzenköpfe
corrosion *or* wasting of the staybolt heads
corrosion (f) des têtes d'entretoises



разъѣданіе (n) головокъ распорныхъ болтовъ *или* связей
corrosione (f) delle teste di chiavarde passanti 7
corrosión (f) de las cabezas de los virotillos

Lockerung (f) der Stehbolzen
loosening of the staybolts
jeu (m) *ou* ébranlement (m) des entretoises

ослабленіе (n) распорныхъ болтовъ *или* связей
allentamento (m) delle chiavarde passanti 8
aflojamiento (m) de los virotillos

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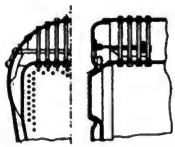
1 Deckenverankerung (f)
crown *or* roof staying armature (f) du ciel



укрѣпленіе(n) нёба *или* потолка
attacco (m) del cielo
arriostrado (m) del cielo

2 Deckenanker (m), Deckenträger (m)
crown bar, roof bar
tirant (m) transversal du ciel du foyer

анкерная тяга (f)
tirante (m) del cielo, rinforzo (m) del cielo
tirante (m) del cielo del hogar

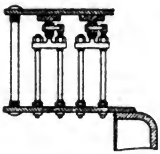
3 Deckenstehbolzen (m)
crown staybolt
tirant (m) vertical du ciel du foyer

анкерный болтъ (m) *или* анкерная связь (f) для скрѣпленія нёба
chiavarda (f) del cielo, tirante (m) del cielo
tirante (m) vertical del cielo del hogar

4 Ausbeulung (f), Preßbeule (f)
pressed out *or* embossed seating
bossage (m), emboutissage (m)

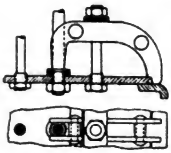
отдулина (f)
gobba (f) esterna, gobba (f) di pressione
abolladura (f) exterior

5 beweglicher Deckenstehbolzen (m)
expansion crown staybolt, sling stay
entretoise (f) articulée pour ciel de foyer



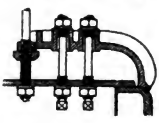
подвижной анкерный болтъ (m) нёба; подвижная анкерная связь (f) потолка
chiavarda (f) mobile, armatura (f) articolata del cielo
virotillo (m) articulado del cielo del hogar

6 Tragbügel (m), Deckenankerbügel (m)
crown bar yoke
étrier (m) d'armature pour ciel de foyer



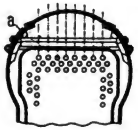
опорная скоба (f) для нёба
costola (f) di rinforzo del cielo
estribo (m) de refuerzo ó de suspensión del cielo del hogar

7 beweglicher Tragbügel (m)
adjustable yoke
étrier (m) d'armature à jeu de dilatation



подвижная *или* регулируемая опорная скоба (f)
costola (f) di rinforzo regolabile
estribo (m) [de suspensión] regulable

8 Queranker (m)
cross stay [rod]
tirant (m) transversal



поперечная связь (f); поперечный анкеръ (m)
tirante (m) trasversale
tirante (m) transversal

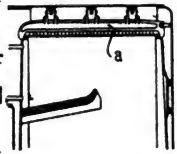
a

Querankernocken (m), Querankerstutzen (m), Warze (f)
seating for cross stay
douille (f) en saillie pour le tirant transversal

гнѣздо (n) поперечной связи *или* поперечнаго анкернаго болта
ingrossamento (m) *o* gnocco (m) per il tirante trasversale
asiento (m) para el tirante transversal

1

Barrenverankerung (f)
crown bar *or* roof bar staying
suspension (f) [du foyer] au moyen de fermes



укрѣпленіе (n) анкерными балками
attacco (m) a sbarre
suspensión (f) por fermas *ó* costillas

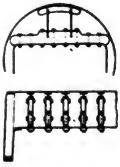
2

Längsbarrenanker (m)
longitudinal crown *or* roof bar *or* stay
ferme (f) longitudinale

продольная анкерная балка (f)
sbarra (f) di attacco longitudinale
ferma (f) *ó* costilla (f) longitudinal

3

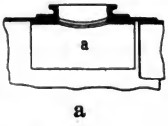
Querbarren (m)
transverse crown *or* roof bar *or* stay
ferme (f) transversale



поперечная анкерная балка (f)
sbarra (f) trasversale
ferma (f) *ó* costilla (f) transversal

4

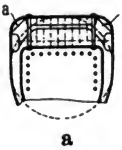
Versteifungsblech (n), Verstärkungsblech (n)
bracing *or* thickening *or* stiffening plate *or* sheet
tôle (f) raidisseuse *ou* de renforcement



укрѣпляющій листъ (m)
lamiera (f) di rinforzo
plancha (f) de refuerzo

5

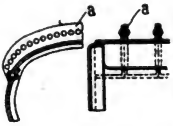
Eckblech (n)
gusset plate *or* sheet (A)
gousset (m) en tôle



косынка (f)
saettone (m) in lamiera
plancha (f) de refuerzo *ó* de unión

6

Rippendecke (f)
ribbed crown
ciel (m) [de foyer] à nervures



ребристое нёбо (n); ребристый потолокъ (m)
cielo (m) a costole
cielo (m) acostillado

7

Versteifungsrippe (f)
stiffening rib
nervure (f) de renforcement *ou* de consolidation

крѣпляющее ребро (n)
costola (f) *o* nervatura (f) di rinforzo
nervio (m) de refuerzo *ó* de consolidación

8

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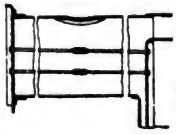
1 Kurzanker (m), Bodenanker (m), Schleppanker (m), Rohrwandanker (m)
belly *or* palm stay, throat brace (A)
tirant (m) de plaque tubulaire

a

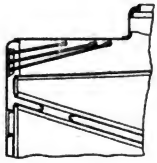
лапа (f); лапчатая связь (f); днищевая связь
tirante (m) di fondo, tirante (m) a collo d'oca
tirante (m) de placa tubular

2 Zuganker (m), Längsanker (m)
longitudinal stay
tirant (m) longitudinal



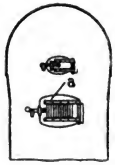
тяга (f); продольная связь (f); продольный анкеръ (m)
tirante (m) longitudinale
tirante (m) longitudinal

3 schrägliegende Längsanker (m pl)
diagonal stays
tirants (m pl) inclinés *ou* obliques



наклонныя продольныя связи (f pl); наклонные продольные анкеры (m pl)
tiranti (m pl) inclinati
tirante (m) longitudinal inclinado

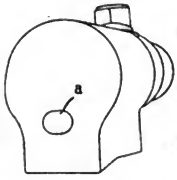
4 Feuertür (f)
fire door
porte (f) de foyer



a

топочная дверца (f); шуровочная дверца
porta (f) del focolare
puertà (f) del hogar

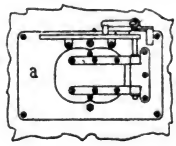
5 Feuertüröffnung (f), Schürloch (n), Feuerloch (n)
fire hole
ouverture (f) de [la porte de] foyer, gueulard (m)



a

топочное отверстіе (n); шуровочное отверстіе
apertura (f) della porta del focolare, foro (m) per smuovere la brace
abertura (f) de la puerta del hogar

6 Drehtür (f)
hinged *or* swinging fire door
porte (f) à charnières



поворотная дверца (f); дверца, вращающаяся на шарнирѣ
porta (f) girante
puerta (f) giratoria

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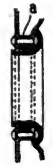
Türrahmen (m), Schürlochrahmen (m), Türgeschränk (n)
door frame
cadre (m) de porte

a

рама (f) топочныхъ дверецъ
telaio (m) della porta, telaio (m) del foro per smuovere la brace *1*
cuadro (m) de la puerta



Türlochring (m)
firehole ring (A)
cadre (m) circulaire de la porte

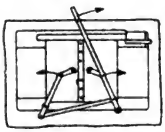
топочное кольцо (n)
cerchietto (m) della boccaporta *2*
marco (m) circular de la puerta

Klapptür (f)
flap fire door
porte (f) à rabattement

откидная дверца (f) *или* дверка (f)
porta (f) a cerniera *3*
puerta (f) de charnela

Webbsche Feuertür (f), nach innen aufschlagende Feuertür (f)
Webb's fire door, fire door opening inwards
porte (f) [de] Webb, porte (f) [s'ouvrant] vers l'intérieur

топочная дверца (f) Вебба, открывающаяся внутрь
porta (f) per focolare Webb, porta (f) per focolare con apertura interna
puerta (f) de Webb; puerta (f) que se abre hacia el interior



Schiebetür (f)
sliding fire door
porte (f) coulissante *ou* à coulisse

раздвижныя дверцы (f pl)
porta (f) scorrevole *5*
puerta (f) corrediza

Türschutzkranz (m), Türring (m)
fire-door protection ring
pare-ringard (m)

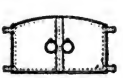
предохранительное кольцо (n) дверецъ
anello (m) di protezione della porta *o* boccaporta *6*
guarnición (f) de protección de la puerta

a

Schüttplatte (f)
charging *or* firing plate
plaque (f) de chargement

загрузочная плита (f) *или* доска (f)
piastra (f) di caricamento *7*
placa (f) de carga

a



zweiflügelige Feuertür (f)
double-wing fire door
porte (f) de foyer à deux battants *ou* à deux vantaux

двустворчатая дверца (f)
portella (f) del focolare a due battenti *8*
puerta (f) del hogar con dos hojas

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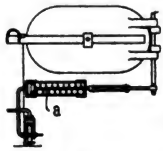
pneumatischer Feuertüröffner (m)
1 pneumatic fire door opener
ouvre-porte (m) pneumatique de foyer



a

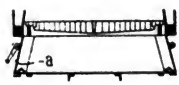
пневматическій открыватель (m) для топочныхъ дверецъ
apri-porta (m) pneumatico del focolare
abre-puerta (m) neumático del hogar

Schauloch (n)
2 inspection hole
regard (m)

a

окощко (n)
traguardo (m), mira (f)
mirilla (f)

Asch[en]kasten (m)
3 ash pan
cendrier (m)



зольникъ (m)
ceneratoio (m), ceneraio (m)
cenicero (m)

Aschkastenklappe (f)
4 ash pan damper
porte (f) d'aération, porte (f) de cendrier

a

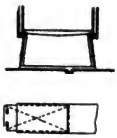
поддувало (n)
valvola (f) [a cerniera] d'aria
válvula (f) de aire

Aschfallklappe (f)
ash pan dump
5 porte (f) à rabattement *ou* à clapet de cendrier

a

поддувало (n) зольника
porta (f) di spurgo del ceneratoio *o* ceneraio
trampa (f) del cenicero

Aschkastenschieber (m)
ash pan slide
6 porte (f) glissante du cendrier



задвижной люкъ (m) зольника
registro (m) del cassetto della cenere
puerta (f) corredera del cenicero, trampilla (f) del cenicero

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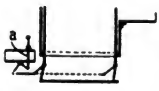
Aschkastenzug (m)
damper gear
7 tringle (f) de commande des portes du cendrier



a

приводъ (m) къ дверкамъ поддувала
leva (f) di comando della porta del ceneratoio
vástago (m) de gobierno de las trampas del cenicero

---

trichterförmiger Aschkasten (m)
8 hopper ashpan
cendrier (m) en forme d'entonnoir

воронкообразный зольникъ (m)
ceneraio (m) *o* ceneratoio (m) ad imbuto
cenicero (m) en forma de embudo

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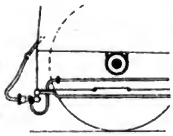
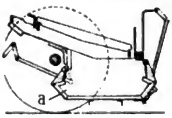
Aschkasteneinspritzvorrichtung (f)
drenching *or* spraying apparatus for ash pan
appareil (m) d'injection d'eau dans le cendrier



приспособленіе (n) для вбрызгиванія воды въ зольникъ; искротушитель (m) зольника
apparecchio (m) d'iniezione d'acqua
aparato (m) de inyección de agua en el cenicero

1

Aschensammelraum (m)
ash pan hopper
collecteur (m) de cendres



a

коробка (f) зольника
spazio (m) raccoglitore di cenere
colector (m) para las cenizas

2

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2. Langkessel, Rundkessel
Boiler Barrel
Chaudière *ou* corps cylindrique

Цилиндрическая часть паровознаго котла
Corpo cilindrico della caldaia
Cuerpo cilíndrico de la caldera

3

Kesselachse (f), Kesselmitte (f)
axis of boiler, centre line of boiler
axe (m) de la chaudière

a

ось (f) котла
asse (m) della caldaia, mezzaria (f) della caldaia
eje (m) de la caldera

4

Höhenlage (f) der Kesselmitte über der Schienenoberkante
height of centre of boiler from rail
hauteur (f) de l'axe de la chaudière au-dessus du niveau du rail

a

высота (f) оси котла надъ головкой рельса
altezza (f) dell'asse della caldaia sul piano del ferro
altura (f) del eje de la caldera sobre el rail

5

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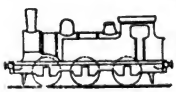
tiefe Kessellage (f)
low pitch of boiler
position (f) basse de la chaudière



низкое расположеніе (n) котла
posizione (f) bassa della caldaia
posición (f) baja de la caldera

6

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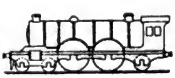
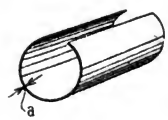
hohe Kessellage (f)
high pitch of boiler
position (f) élevée de la chaudière



высокое расположеніе (n) котла
posizione (f) alta della caldaia
posición (f) alta de la caldera

7

Langkesselplatte (f)
plate for boiler barrel
tôle (f) de chaudière



бáрабанный листъ (m)
lamiera (f) del corpo cilindrico della caldaia
chapa (f) del cuerpo horizontal

8

Wandstärke (f), Blechstärke (f)
thickness of plate
épaisseur (f) de paroi, épaisseur (f) de tôle

a

толщина (f) стѣнки
spessore (m) della parete
espesor (m) de chapa

9

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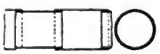
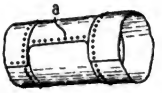
1 Kesselmantel (m)
boiler shell
corps (m) cylindrique



цилиндрическая часть (f) котла
corpo (m) cilindrico della caldaia
cuerpo (m) cilíndrico de la caldera



2 Kesselnaht (f)
boiler seam
rivure (f) de la chaudière

a

шовъ (m) котла
chiodatura (f) della caldaia
roblonado (m) de la caldera

---

3 Quernaht (f), Rundnaht (f)
transverse *or* circumferential seam, girth seam (A)
rivure (f) transversale *ou* circulaire

поперечный шовъ (m); шовъ по окружности; круговой шовъ
chiodatura (f) trasversale, chiodatura (f) circolare
roblonado (m) transversal *ó* circular

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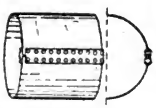
4 Längsnaht (f)
longitudinal seam
rivure (f) longitudinale



продольный *или* долевой шовъ (m)
chiodatura (f) longitudinale
roblonado (m) longitudinal

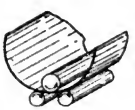
---

5 Kesselring (m), Kesselschuß (m), Kesselrolle (f)
boiler shell ring, course (A)
virole (f) *ou* tronçon (m) de corps cylindrique

звено (n) *или* барабанъ (m) котла
anello (m) di caldaia
virola (f) de la caldera

---

6 Rundrichten (n) *oder* Rundbiegen (n) *oder* Rundwalzen (n) der Kesselschüsse
bending *or* rolling the shell plates *or* courses (A)
cintrage (m) des viroles du corps cylindrique



приданіе (n) барабану *или* звену цилиндрической формы; сгибаніе (n) въ цилиндръ звеньевъ котла
incurvare (m) degli anelli della caldaia
curvar (v) las chapas de la caldera

---

7 kegelförmiger Kesselschuß (m)
taper *or* conical shell ring *or* course (A)
virole (f) conique du corps cylindrique

коническое звено (n); конический барабанъ (m)
anello (m) conico
virola (f) cónica de la caldera

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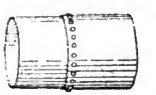
8 ineinander geschobene Kesselschüsse (m pl)
telescopic *or* overlapping shell-rings *or* courses
viroles (fpl) emboîtées



вставленныя другъ въ друга звенья (n pl) котла; барабанъ (m) въ нахлёстку
anelli (m pl) a cannocchiale
virolas (f pl) enchufadas la una en la otra

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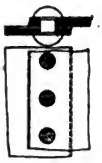
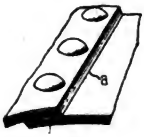
Überlappungsnaht (f)
lap joint riveting seam
rivure (f) à recouvrement *ou* à clin



шовъ (m) въ нахлёстку
chiodatura (f) a coprigiunto
roblonado (m) con recubrimiento

1

Stemmkante (f)
caulking *or* calking (A) edge
tranche (f) de matage



a

подчеканиваемая кромка (f)
orlo (m) di presellatura
borde (m) remachado

2

---

gegeneinanderstoßende Kesselschüsse (m pl)
butt jointed shell rings *or* courses (A)
viroles (f pl) de chaudière aboutées

звенья (npl) *или* барабаны (m pl) въ притыкъ
anelli (m pl) di caldaia a contatto
virolas (f pl) de la caldera contiguas *ó* á tope

3

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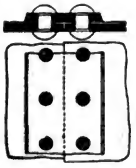
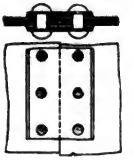
einfache Laschennaht (f)
butt joint with single strap
rivure (f) à simple couvre-joint



шовъ (m) съ простой *или* съ односторонней накладкой
chiodatura (f) a coprigiunto semplice
roblonado (m) de cubrejunta sencilla

4

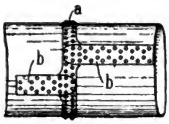
Doppellaschennaht (f)
butt joint with double strap
rivure (f) à double couvre-joint



шовъ (m) съ двойной *или* съ двухсторонней накладкой; шовъ съ двумя накладками
chiodatura (f) a coprigiunto doppio
roblonado (m) de cubrejunta doble

5

Ringlasche (f)
circumferential butt joint ring
couvre-joint (m) annulaire



a

кольцевая накладка (f)
coprigiunto (m) annulare
cubrejunta (m) anular

6

Längslasche (f)
longitudinal butt strap
couvre-joint (m) longitudinal

b

долевая *или* продольная накладка (f)
coprigiunto (m) longitudinale
cubrejunta (m) longitudinal

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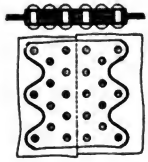
1 Zackenlasche (f)
serrated butt strap
couvre-joint (m) à bords découpés

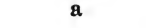


зигзагообразная накладка (f)
coprigiunto (m) dentellato *o* rastremato
cubrejunta (m) dentada

2 geschweißter Kesselschuß (m)
welded shell ring *or* course (A)
virole (f) [de chaudière] soudée

сварное *или* сваренное *или* сварочное звено (n) корпуса котла
anello (m) di caldaia saldato
virola (f) soldada de la caldera

3 Schweißnaht (f), geschweißte Naht (f)
welded seam
soudure (f)



сварной *или* сварочный шовъ (m)
giunto (m) saldato [a caldo]
soldadura (f), junta (f) soldada

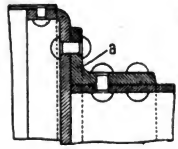
4 nahtloser Kesselschuß (m)
seamles shell ring *or* course (A)
virole (f) de chaudière sans rivure

звено (n) котла безъ шва
anello (m) di caldaia senza giunti
virola (f) sin roblonado

5 die Kesselnähte lecken
the boiler seams leak
les rivures de la chaudière fuient

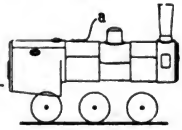
швы (m pl) текутъ *или* даютъ течь; швы парятъ
i giunti della caldaia fallano *o* perdono
los roblonados de la caldera pierden

6 Winkelring (m), Verankerungswinkel (m)
angle iron boiler ring
cornière (f) annulaire



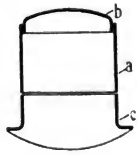
кольцо (n) изъ угольника; кольцевой угольникъ (m)
anello (m) a cantonale, cantonale (m) circolare
virola (f) de cantonera

7 Kesselrücken (m)
boiler top
dessus (m) de la chaudière



верхъ (m) котла
dorso (m) di caldaia
dorso (m) de la caldera

8 Dampfdom (m)
(steam) dome
dôme (m) de vapeur



сухопарникъ (m); паровой *или* сухопарный колпакъ (m); колпакъ
cupolino (m) *o* duomo (m) della caldaia
cúpula (f) ó domo (m) [de vapor]

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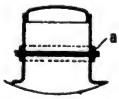
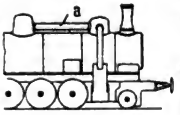
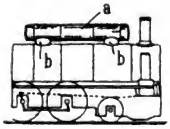
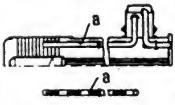
Dommantel (m) dome body *or* barrel virole (f) du dôme	a		цилиндрическая часть (f) сухопарника; тѣло (n) *или* корпусъ (m) парового колпака calotta (f) del duomo virola (f) de la cúpula	1
Domkuppel (f), Domhaube (f) dome cap *or* top *or* cover calotte (f) du dôme	b		крышка (f) сухопарника *или* парового колпака cupola (f) *o* coperchio (m) del duomo sombrerete (m) de la cúpula	2
Domuntersatz (m), Domfuß (m) dome base *or* seating embase (f) du dôme	c		основаніе (n) сухопарника *или* парового колпака basamento (m) del duomo base (f) de la cupula	3
Domwinkelring (m) dome base angle ring embase (f) *ou* collerette (f) emboutie du dôme	a		кольцевой угольникъ (m) сухопарника *или* парового колпака anello (m) ad angolo del duomo corona (f) de reborde de la cúpula	4
Dampfdomverbindungsrohr (n) dome connecting pipe tuyau (m) de raccordement du dôme de vapeur	a		соединительная труба (f) сухопарника *или* парового колпака tubo (m) di raccordo del duomo a vapore tubo (m) de unión de la cúpula	5
liegender Dampfsammler (m) horizontal steam collector collecteur (m) de vapeur horizontal	a		горизонтальный парособиратель (m) *или* коллекторъ (m) пара collettore (m) orizzontale di vapore colector (m) de vapor horizontal	6
Verbindungsstutzen (m) connecting pipe tubulure (f) de raccordement, cuissard (m)	b		патрубокъ (m) парособирателя tubolo (m) di raccordo tubuladura (f) de unión	7
Dampfsammelrohr (n) dry pipe, dome steam pipe tuyau (m) collecteur de vapeur	a		парособирательная труба (f) tubo (m) collettore di vapore tubo (m) colector de vapor	8
Wasserabscheidung (f) interception of water séparation (f) d'eau, séchage (m) de la vapeur			водоотдѣленіе (n); отдѣленіе (n) воды separazione (f) dell'acqua separación (f) de agua	9

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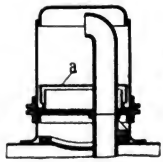
1 Wasserabscheidevorrichtung (f)
water intercepting device
séparateur (m) d'eau, sécheur (m) de vapeur



водоотдѣлитель (m)
separatore (m) d'acqua
separador (m) de agua

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2 Wasserabscheiderhaube (f)
water interception *or* separation cover
cloison (f) de condensation

a

діафрагма (f) водоотдѣлителя
cappello (m) del separatore d'acqua
caperuza (f) de separación del agua

---

3 Sprühblech (n)
baffle plate
diaphragme (m) séparateur en tôle

a

листъ (m) водоотдѣлителя
lamiera (f) para-acqua
pantalla (f) para detener el agua

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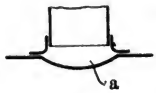
4 Kesselausschnitt (m)
opening in boiler
évidement (m) *ou* découpure (f) de chaudière



a

вырѣзъ (m) *или* отверстіе (n) въ стѣнкѣ парового котла
intaglio (m) *o* scollatura (f) della caldaia
orificio (m) en la caldera

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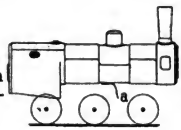
5 Langkesselboden (m), Kesselbauch (m)
boiler [barrel] bottom
dessous (m) de la chaudière



a

низъ (m) цилиндрической части котла
fondo (m) di caldaia
fondo (m) del cuerpo horizontal

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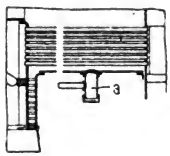
6 Schlammsack (m)
mud collector
poche (f) à boues *ou* de vidange



a

грязевикъ (m)
raccoglitore (m) di fango
colector (m) de sedimentos

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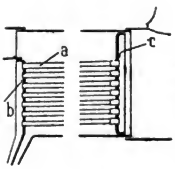
7 Heizrohr (n), Siederohr (n), Feuerrohr (n)
fire *or* boiler *or* flue tube
tube (m) à fumée, tube (m) de chauffe



a

дымогарная трубка (f)
tubo (m) di fumo, tubo (m) bollitore
tubo (m) de humos

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Rohrwand (f)
tube plate *or* sheet (A)
plaque (f) tubulaire

[трубная] рѣшётка (f)
piastra (f) tubolare 1
placa (f) tubulár

Feuerbüchsrohrwand(f), hintere Rohrwand (f)
back tube plate *or* sheet (A)
plaque (f) tubulaire du foyer

b

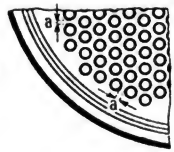
[трубная] рѣшётка (f) огневой коробки; задняя рѣшётка
piastra (f) tubolare della cassa-fuoco 2
placa (f) tubular del hogar

Rauchkammerrohrwand (f), vordere Rohrwand (f)
front *or* smokebox tube plate *or* sheet (A)
plaque (f) tubulaire de la boîte à fumée

c

[трубная] рѣшётка (f) дымовой коробки; передняя рѣшётка
piastra (f) tubolare della cassa-fumo 3
placa (f) tubular de la caja de humos

Rohrwandsteg (m)
tube clearance, bridge in tube plate
interstices (m pl) des trous de plaque tubulaire



a

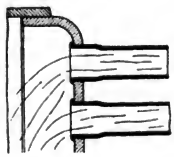
простѣнки (m pl) въ [трубной] рѣшёткѣ между трубами
campo (m) fra i fori dei tubi bollitori 4
intervalo (m) entre los agujeros de la placa tubular

Rohrteilung (f), Rohrabstand (m)
tube pitch
distance (f) entre les tubes

a

разбивка (f) дымогарныхъ трубъ; разстояніе (n) между дымогарными трубками
divisione (f) del tubo, intervallo (m) tra tubi, distanza (f) tra tubi 5
distancia (f) entre los tubos

Durchströmen (n) der Feuergase
circulation *or* flowing through of the combustion gases
écoulement (m) des gaz du foyer à travers...



прохожденіе (n) огневыхъ *или* горючихъ газовъ
movimento (m) dei gas di combustione 6
paso (m) de los gases de combustión á través...

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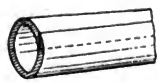
geschweißtes Rohr (n)
welded tube
tube (m) soudé (à la chaude soudante)



сварочная *или* сварная труба (f)
tubo (m) saldato (a caldo) 7
tubo (m) soldado

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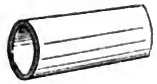
nahtloses *oder* gezogenes Rohr (n)
seamless *or* solid drawn tube
tube (m) sans rivure *ou* étiré



труба (f) безъ шва; цѣльнотянутая труба
tubo (m) senza giunti 8
tubo (m) sin costura

---

glattes Rohr (n)
smooth tube
tube (m) lisse

гладкая труба (f)
tubo (m) liscio 9
tubo (m) liso

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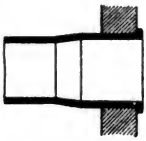
1 Rippenrohr (n), Serve-Rohr (n)
ribbed tube, Serve tube
tube (m) Serve, tube (m) à ailettes

ребристая труба (f); труба Сервэ
tubo (m) ad alette, tubo (m) di Serve
tubo (m) de aletas ó de Serve

2 Verengung (f) des Rohres
contracting the tube end
sertissage (m) des tubes, introduction (f) des tubes avec rétrécissement

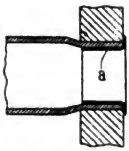
суженіе (n) [конца] трубы
infilare (m) dei tubi restringendoli
introducción (f) de los tubos con estrechamiento

3 Aufweitung (f) des Rohres
expanding the tube end
élargissement (m) des tubes; (au mandrin:) mandrinage (m) des tubes



расширеніе (n) [конца] трубы
allargare (m) *o* mandrinare (m) dei tubi
ensanche (m) de los tubos con el mandril

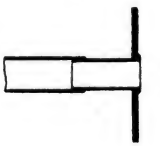
4 Brandring (m)
ferrule
virole (f), bague (f)



a

охранительное кольцо (n)
rondella (f), ghiera (f)
virola (f)

5 Rohrschuh (m), Rohrstutzen (m)
strengthening sleeve for tube
bague (f) de renfort

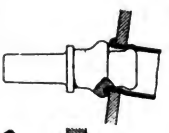


наконечникъ (m)
canotto (m)
casquillo (m) de refuerzo
enchufado

6 Vorschuhen (n) der Rohre
fitting sleeves on the tubes
raboutage (m) des tubes

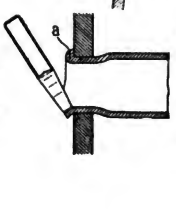
снабженіе (n) трубъ наконечниками
appendice (m) *o* canotto (m) dei tubi bollitori
prolongamiento (m) del tubo por una boquilla

7 das Rohr einwalzen (v)
to roll in the tube
mandriner (v) le tube, sertir (v) le tube au moyen du dudgeon



развальцов·ать (-ывать) дымогарную трубу
inlaminare (v) il tubo
mandrilar (v) el tubo, apretar (v) el tubo por medio del aparato dudgeon

8 die Rohrenden börteln (v) *oder* bördeln (v)
to bead over *or* to flange the tube ends
rabattre (v) les bords des tubes, emboutir (v) les tubes



загнуть (загибать) кромки трубъ: отогнуть (отгибать) буртики трубъ
rivoltare (v) gli orli dei tubi
rebordear (v) los extremos de los tubos

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Heizrohrbord (m), Heizrohrbördel (m)
beaded end of fire tube
bord (m) tombé de tube à fumée

кромка (f) *или* буртикъ (m) дымогарной трубки
bordino (m) *o* orlo (m) del tubo bollitore
borde (m) de tubo de humos

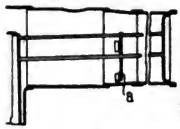
1

die Rohrenden anstauchen (v)
to tighten the tube ends
mater (v) les extrémités des tubes

обжимать концы трубъ
presellare (v) le estremità dei tubi
matar (v) las extremidades de los tubos

2

Rohrstützwand (f)
tube supporting diaphragm plate *or* carrier
paroi (f) de soutien des tubes

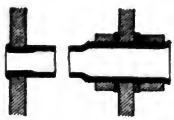


a

опорная [трубная] рѣшётка (f)
parete (f) di sostegno dei tubi
pared (f) de apoyo de los tubos

3

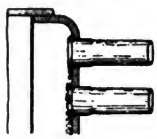
Ankerrohr (n)
stay tube
tube-tirant (m), tube (m) d'entretoisement



связная *или* анкерная трубка (f)
tubo-riostra (m)
tubo-tirante (m)

4

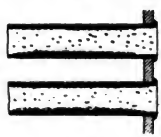
die Rohre rinnen *oder* laufen *oder* lecken
the tubes drip *or* weep *or* leak
les tubes fuient *ou* perdent



трубы (f pl) текутъ *или* даютъ течь
i tubi perdono
los tubos presentan fugas *ó* pierden

5

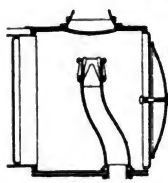
Rußansatz (m) in den Heizrohren
deposit of soot in the fire tubes
dépôt (m) de suie dans les tubes de fumée



налётъ (m) сажи въ дымогарныхъ трубкахъ
deposito (m) di fuliggine nei tubi di fumo
depósito (m) de hollín en los tubos de humos

6

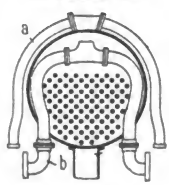
8. Rauchkammer
Smoke Box
Boîte à fumée



Дымовая коробка
Camera *o* cassa fumo
Caja de humos

7

Dampfleitungsrohr (n)
steam pipe
tuyau (m) de vapeur



паропроводная труба (f)
tubo (m) di [condotta del] vapore
tubo (m) de vapor

8

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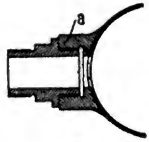
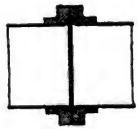
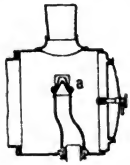
1	Einströmungsrohr (n), Frischdampfrohr (n) live *or* main steam pipe tuyau (m) de prise de vapeur *ou* d'admission	a	паропривод̀ная *или* паровходящая труба (f); труба свѣжаго пара tubo (m) di presa del vapore tubo (m) de toma de vapor
2	Ausströmungsrohr (n), Abdampfrohr (n) exhaust [steam] pipe tuyau (m) d'échappement de vapeur	b	парооотводная *или* пароисходящая труба (f); труба мятаго *или* отработавшаго пара tubo (m) di scappamento del vapore tubo (m) de escape
3	Lötstutzen (m) brazed socket tubulure (f) soudée	 a	припаяный патрубокъ (m) tubetto (m) saldato a caldo tubuladura (f) soldada
4	Lötflansch (m) brazed flange bride (f) [de tuyau] soudée		припаяный *или* спаяный фланецъ (m) трубы flangia (f) saldata a caldo brida (f) [de tubo] soldada
5	Blasrohr (n) blast pipe, exhaust pipe [tuyère (f) d']échappement (m)	 a	конусъ (m) tubo (m) soffiante, scappamento (m) tobera (f) de escape
6	Blasrohrwirkung (f) action of blast pipe action (f) de la tuyère d'échappement		дѣйствіе (n) конуса azione (f) del tubo soffiante, effetto (m) dello scappamento acción (f) de la tobera de escape
7	Luftzug (m), Zug (m) draught tirage (m)		тяга (f) tiraggio (m) tiro (m)
8	Dampfschlag (m) beat of the blast pipe coup (m) *ou* marteau (m) de vapeur		ударъ (m) пара colpo (m) d'ariete *o* di scappamento del vapore golpe (m) de ariete del vapor
9	Blasrohrdruck (m) blast pipe pressure pression (f) de l'échappement		давленіе (n) [пара] въ конусѣ pressione (f) al tubo soffiante presión (f) del escape

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Blasrohrüberdruck (m)
blast pipe over-pressure
pression (f) effective de l'échappement

давленіе (n) [пара] въ конусѣ (сверхъ атмосфернаго)
pressione (f) effettiva al tubo soffiante *o* nello scappamento *1*
presión (f) efectiva del escape

Luftverdünnung (f) *oder* Vakuum (n) in der Rauchkammer
vacuum in the smoke box
dépression (f) *ou* vide (m) dans la boîte à fumée

разрѣженіе (n) воздуха въ дымовой коробкѣ
rarefazione (f) d'aria nella camera a fumo *2*
rarefacción (f) del aire ó vacío (m) en la caja de humos

Saugwirkung (f)
sucking action
action (f) aspirante

всасывающее дѣйствіе (n)
effetto (m) d'aspirazione, azione (f) aspirante *3*
efecto (m) de aspiración

---

die Rauchgase ansaugen (v)
to suck up the combustion gases
aspirer (v) les gaz [de la fumée]

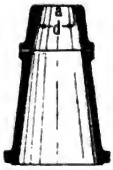
всасывать дымовые газы
aspirare (v) i gas del fumo *o* gas caldi *4*
aspirar (v) los gases de combustión

Schlagwirkung (f) des Blasrohres
beating *or* pulsating action of the blast pipe
coup (m) d'échappement

удары (m pl) [пара] въ конусѣ
effetto (m) di colpo d'ariete del tubo soffiante *5*
golpe (m) de ariete de la tobera de escape del tubo soplador

Wirkungsgrad (m) des Blasrohres *oder* Schornsteines
efficiency of the blast pipe
rendement (m) *ou* effet (m) utile de l'échappement

степень (f) полезнаго дѣйствія конуса [дымовой трубы]
rendimento (m) del tubo soffiante *o* dello scappamento *6*
rendimiento (m) del escape



Blasrohrkopf (m)
blast pipe nozzle, exhaust pipe nozzle
tête (f) [de la tuyère] d'échappement

чаконечникъ (m) конуса
testa (f) del tubo soffiante *o* dello scappamento *7*
cabeza (f) de la tobera de escape

---

a

$$\frac{\pi\, d^2}{4}$$

Blasrohrmündung (f)
mouth of blast *or* exhaust pipe
orifice (m) *ou* embouchure (f) de la tuyère d'échappement

устье (n) конуса
imboccatura (f) dello scappamento *8*
embocadura (f) de la tobera de escape

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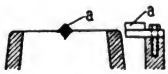
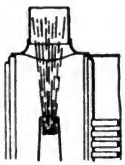
1 Quersteg (m)
cross bar
barrette (f) transversale



перекладина (f); мостикъ (m)
sbarretta (f) trasversale
varilla (f) transversal

2 Ausbreitung (f) des Strahles
spreading *or* expansion of the jet
épanouissement (m) du jet



расширеніе (n) струи
allargamento (m) del getto
expansión (f) del chorro

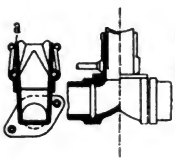
3 veränderliches Blasrohr (n)
adjustable blast *or* exhaust pipe
échappement (m) variable

конусъ (m) съ перемѣннымъ сѣченіемъ; регулируемый конусъ
scappamento (m) variabile
escape (m) variable

4 Blasrohr (n) mit auswechselbarem Kopfe
blast *or* exhaust pipe with removable nozzle
tuyère (f) d'échappement à tête démontable

конусъ (m) съ перемѣннымъ наконечникомъ
scappamento (m) ricambiabile
tobera (f) de escape con cabeza recambiable

5 Klapp[en]blasrohr (n), Froschmaul (n)
blast *or* exhaust pipe with hinged flaps
échappement (m) variable à valves *ou* palettes



перемѣнный створчатый конусъ (m)
scappamento (m) a palette
escape (m) variable de válvulas

6 Blasrohrklappe (f)
blast pipe flap
valve (f) *ou* palette (f) régulatrice d'échappement

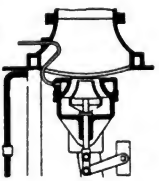
a

[регулирующая] створка (f) конуса
paletta (f) regolabile
válvula (f) de regulación

7 Bläserzug (m)
blast regulation gear
commande (f) d'un échappement variable *ou* d'un souffleur

приводъ (m) къ перемѣнному конусу
meccanismo (m) del tiraggio per soffiamento
mecanismo (m) de gobierno de un escape *o* de un soplador

8 Blasrohr (n) mit senkrecht verstellbarer Düse
blast *or* exhaust pipe with vertically adjustable nozzle
échappement (m) annulaire variable



конусъ (m) съ вертикально переставляемой грушей
scappamento (m) ad ugello regolabile verticalmente
escape (m) anular variable

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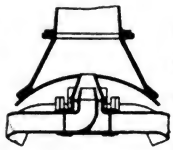


Blasrohr (n) mit getrennten Mündungen
blast *or* exhaust pipe with separated openings
échappement (m) à embouchures séparées

конусъ (m) съ нѣсколькими устьями
scappamento (m) ad imboccature separate
escape (m) de embocaduras separadas
1

geteiltes Blasrohr (n), Blasrohr (n) mit Scheidewand
divided blast *or* exhaust pipe
échappement (m) cloisonné

подраздѣлённый конусъ (m); конусъ съ перегородкой; [фиг.:] раздвоенный конусъ
scappamento (m) a parete divisoria
escape (m) con tabique intermedio
2

ringförmiges Blasrohr (n), Ringblasrohr (n)
annular blast *or* exhaust pipe
échappement (m) annulaire

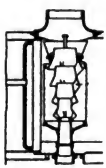
кольцевой конусъ (m)
scappamento (m) anulare
escape (m) anular
3

ringförmige Ausströmung (f)
annular exhaust
écoulement (m) annulaire

истеченіе (n) по кольцу *или* изъ кольцевого устья
getto (m) anulare
flujo (m) ó chorro (m) anular
4

mehrfache Ausströmung (f)
multiple exhaust
écoulement (m) à jets multiples

истеченіе (n) изъ нѣсколькихъ отверстій
getto (m) multiplo
flujo (m) ó chorro (m) múltiple
5



Blasrohr (n) mit Zwischendüse
blast *or* exhaust pipe with intermediate nozzle, petticoat pipe
échappement (m) à cônes étagés

конусъ (m) съ промежуточной насадкой
scappamento (m) ad ugello intermediario
escape (m) con tobera intermedia
6

Hilfsblasrohr (n), Hilfsbläser (m)
auxiliary blast *or* exhaust pipe *or* blower
[tube (m)] souffleur (m)

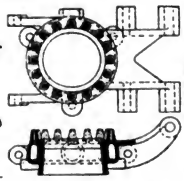
[кольцевой] сифонъ (m)
tubo (m) soffiante ausiliare *o* imbuto
[tubo (m)] soplador (m)
7

Strahlbläser (m)
jet blower
souffleur (m) à jet de vapeur

конусъ (m), [работающій помощью струи пара]
soffiatore (m) a vapore
soplador (m) de chorro de vapor
8

a

1 Ringbläser (m), Surrer (m), Surrohr (n)
ring blower, blower ring
souffleur (m) annulaire



кольцевой конусъ (m)
soffiatore (m) circolare
soplador (m) anular

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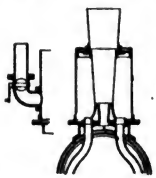
2 Schalldämpfer (m) für den Auspuffdampf
silencer, muffler (A)
amortisseur (m) du bruit de la vapeur d'échappement



глушитель (m) звука *или* шумоукротитель (m) для мятаго пара
sordina (f) dello scappatore di vapore
amortiguador (m) del ruido del vapor de escape

---

3 Überreißen (n) des Wassers in die Dampfzylinder
priming *or* passing of water into the steam cylinder
entraînement (m) d'eau dans les cylindres à vapeur, primage (m) de la chaudière

увлеченіе (n) воды въ паровые цилиндры
trascinamento (m) d'acqua nei cilindri a vapore
arrastre (m) de agua en los cilindros de vapor

---

4 Überreißen (n) der Kohle in die Rauchkammer
drawing of coal into the smoke box
entraînement (m) du charbon dans la boîte à fumée

увлеченіе (n) угля въ дымовую коробку
trascinamento (m) di carbone nella camera di fumo
arrastre (m) de carbón en la caja de humos

---

5 Spucken (n), Austreten (n) von Wasser aus dem Schornstein
steam condensation spray from the funnel
projection (f) *ou* entraînement (m) d'eau par la cheminée

бросаніе (n) воды изъ дымовой трубы
getto (m) *o* scappamento (m) d'acqua dal fumaiuolo
acción (f) de escupir ó de echar agua por la chimenea

---

6 Knierohr (n)
bent pipe, knee, elbow
conduit (m) coudé

колѣно (n); колѣнчатая труба (f)
tubo (m) a gomito
tubo (m) acodado

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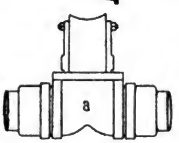
7 Kreuzrohr (n)
three-way pipe, Tee-pipe
tube (m) bifurqué; culotte (f)



крестовина (f); тройникъ (m)
tubo (m) a croce
tubo (m) en cruz

a

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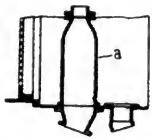
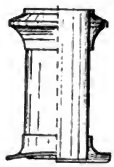
Standrohr (n) vertical pipe tuyau (m) vertical	 a	вертикальная труба (f); штуцеръ (m) tubo (m) verticale tubo (m) vertical	1
Schornstein (m), Kamin (m) chimney, smoke stack, funnel cheminée (f)		дымовая труба (f) camino (m), fumaiuolo (m), ciminiera (f) chimenea (f)	2
zylindrischer Schornstein (m) cylindrical *or* straight chimney *or* smoke stack (A) cheminée (f) cylindrique		цилиндрическая дымовая труба (f) camino (m) cilíndrico chimenea (f) cilíndrica	3
kegelförmiger Schornstein (m) taper chimney *or* smoke stack cheminée (f) conique		коническая дымовая труба (f) camino (m) cónico chimenea (f) cónica	4
Einschnürung (f) *oder* engster Teil (m) des Schornsteins waist *or* narrow part of chimney étranglement (m) de la cheminée	a	сужение (n) дымовой трубы restringimento (m) del camino estrechamiento (m) de la chimenea	5
eingeschnürter Schornstein (m) tapered chimney *or* smoke stack cheminée (f) étranglée *ou* à étranglement		суженная дымовая труба (f) camino (m) con restringimento chimenea (f) estrechada	6
Erweiterung (f) des Schornsteins wide part of chimney *or* smoke stack évasement (m) *ou* élargissement (m) de la cheminée	b	расширение (n) *или* раструбъ (m) дымовой трубы allargamento (m) del camino ensanchamiento (m) de la chimenea	7
Schornsteinfuß (m) chimney *or* smoke stack base embase (f) de la cheminée	c	основание (n) *или* сѣдло (n) дымовой трубы base (f) del camino base (f) de la chimenea	8

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1 Schornstein (m) mit erweitertem Aufsatz
diamond [smoke] stack (A)
cheminée (f) à chapiteau évasé

дымовая труба (f) съ уширённой насадкой *или* съ уширённымъ колпакомъ
camino (m) *o* fumaiuolo (m) con rivestimento parascintille *od* a capitello
chimenea (f) de capitel ensanchado

---

2 Schornsteinkopf (m)
chimney cap, smoke stack top (A)
chapiteau (m) de la cheminée

верхушка (f) дымовой трубы
testa (f) del camino
capitel (m) de la chimenea

---

3 Schornsteinmündung (f)
mouth of chimney *or* smoke stack
embouchure (f) *ou* orifice (m) de la cheminée

устье (n) *или* отверстіе (n) дымовой трубы
imboccatura (f) del camino
boca (f) de la chimenea

---

4 Schornsteindeckel (m)
chimney *or* smoke stack hood
capuchon (m) de cheminée

крышка (f) къ дымовой трубѣ
coperchio (m) del camino
tapa (f) de la chimenea

---

5 Rauchabweiser (m), Windschneider (m)
smoke deflector, chimney *or* smoke stack hood
visière (f) de cheminée

дымоотводчикъ (m); вѣтрорѣзъ (m)
sviatore (m) del fumo, tagliavento (m)
visera (f) ó para-vientos (m) de la chimenea

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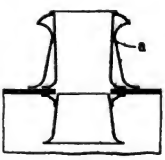
6 Schornsteinbekleidung (f)
chimney *or* smoke stack casing
enveloppe (f) de la cheminée

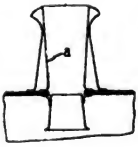


a

обшивка (f) дымовой трубы
rivestimento (m) del camino
camisa (f) de la chimenea

---

7 Schornsteineinsatz (m)
chimney liner, smoke stack liner (A)
tôle (f) intérieure de protection de la cheminée



a

внутренній конусъ (m) дымовой трубы
innesto (m) del fumaiuolo, lamiera (f) interna di protezione
chapa (f) de revestimiento interior de la chimenea

---

8 Funke (m)
spark
flammèche (f)

искра (f)
scintilla (f)
chispa (f)

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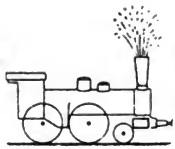
Funkenwerfen (n)
throwing out of sparks
crachement (m) d'étincelles, jet (f) de flammèches



выбрасываніе (n) искръ
sprigionare (m) *o* proiettare (m) scintille
chisporroteo (m)
1

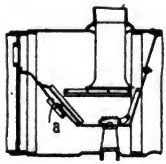
Funkenflug (m)
flight *or* shower of sparks
envolée (f) de flammèches

полётъ (m) искръ
svolazzare (m) di scintille
proyección (f) *ó* torbellino (m) de chispas
2

Flugasche (f)
flue dust
escarbilles (f pl)

зола (f), [вылетающая въ трубу]
cenere (f) svolazzante *o* di fuga
pavesas (f pl) encendidas
3

[Ab-]Lenkplatte (f)
deflector plate, diaphragm
déflecteur (m)



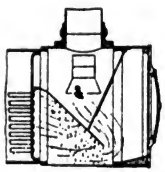
a

отражательный листъ (m)
piastra (f) deviatrice
deflector (m)
4

Anschlagen (n) *oder* Anprallen (n) der Funken
impinging of sparks [against . .]
choc (m) des flammèches [contre . .]

ударъ (m) искръ объ...
urto (m) delle scintille
choque (m) de las chispas [contra . . .]
5

Ablenkung (f) der Funken
deflection of the sparks
déviation (f) *ou* déflexion (f) des flammèches



отклоненіе (n) искръ
deviamento (m) delle scintille
desviación (f) de las chispas
6

Zerkleinerung (f) der Funken
breaking up large sparks
brisement (m) des flammèches

размельченіе (n) искръ
sminuzzamento (m) delle scintille
reducción (f) de las chispas
7

Funkenfänger (m)
spark arrester
pare-étincelles (m)

искроудержатель (m)
parascintille (m)
para-chispas (m)
8

Funkensieb (n)
chimney *or* smoke stack netting
grille (f) à flammèches *ou* escarbilles

искроудержательная сѣтка (f)
griglia (f) *o* rete (f) parascintille
criba (f) *ó* parrilla (f) para carbonillas
9

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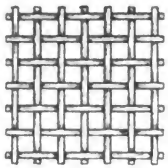
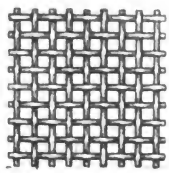
1 weitmaschiges Funkensieb (n)
wide-meshed netting
grille (f) à larges mailles, grille (f) à grosses mailles



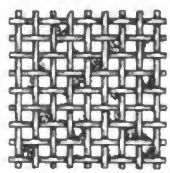
рѣдкая искроудержательная сѣтка (f)
griglia (f) *o* rete (f) a maglia larga
parrilla (f) para chispas de mallas anchas

2 engmaschiges Funkensieb (n)
narrow-meshed netting
grille (f) à mailles étroites, grille (f) à petites mailles



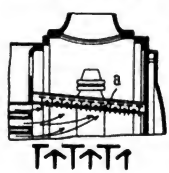
частая искроудержательная сѣтка (f)
griglia (f) a maglia stretta
parrilla (f) para chispas de mallas pequeñas

3 Verstopfung (f) des Funkenfängers
clogging-up of the spark arrester
obstruction (f) *ou* encrassement (m) du pare-étincelles



засореніе (n) искроудержателя
otturamento (m) del parascintille
obstrucción (f) del para-chispas

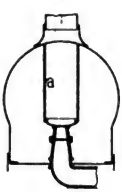
4 rostartiger *oder* hürdenartiger Funkenfänger (m)
grill form *or* grid spark arrester
pare-étincelles (m) à grille



a

искроудержатель (m) съ колосникообразными стержнями; искроудержатель въ видѣ колосниковой рѣшётки
parascintille (m) a griglia
para-chispas (m) de emparrillado

5 Siebkorb (m)
basket-netting, cylindrical network
pare-étincelles (m) à panier *ou* à corbeille



a

сѣтка (f) въ видѣ корзины
parascintille (m) a cestello *od* a staccio
para-chispas (m) de cesta

6 kegelförmiges Funkensieb (n)
cone shaped spark arrester
pare-étincelles (m) conique

коническая сѣтка (f)
parascintille (m) conico a staccio
para-chispas (m) cónico

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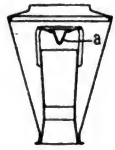
Funkenablenkteller (m)
spark deflector cone
[cône (m)] déflecteur (m) d'escarbilles



a

отражающая искры тарелка (f)
piatto (m) deviatore di scintille
cono (m) deflector de las chispas

1

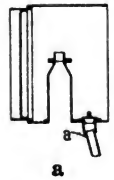
Funkenfängeraufsatz (m), Sammelkopf (m)
spark collecting head
collecteur (m) d'escarbilles [de cheminée]

a

[искроотражательная] турбина (f)
testa (f) del camino parascintille
envoltura (f) colectora de carbonillas

2

Aschfallrohr (n), Löschtrichter (m), Zunderfall (m)
cinder chute *or* shoot *or* hopper
couloir (m) à escarbilles



a

мусорная труба (f); мусорный рукавъ (m); воронка (f) для мусора
imbuto (m) del ceneratoio
embudo (m) para carbonillas *ó* cenizas

3

Löschablagerung (f)
deposit of cinders
dépôt (m) de fraisil *ou* d'escarbilles

накопленіе (n) каменноугольнаго мусора
deposito (m) di polvere di carbone
depósito (m) de escarbillas

4

Spritzhahn (m)
spraying *or* watering cock, drencher
robinet (m) d'aspersion *ou* d'arrosage

кранъ (m) брызгалки; [фиг.:] кранъ искротушителя
robinetto (m) d'aspersione *o* del bagnacarbone
grifo (m) de inyección

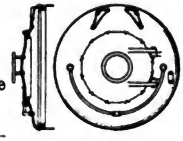
5

Rauchkammerverschluß (m)
smoke box fastening
fermeture (f) de boîte à fumée

затворъ (m) дымовой коробки
chiusura (f) della cassafumo
cierre (m) de la caja de humos

6

Rauchkammertür (f)
smoke box door
porte (f) de boîte à fumée



дверцы (f pl) дымовой коробки
porta (f) della cassafumo
puerta (f) de la caja de humos

7

Anschlagring (m)
stiffening ring
bague (f) de butée, battement (m)

притворное кольцо (n)
anello (m) d'arresto
anillo (m) de tope

8

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Rauchkammertürklammer (f)
smokebox door fastening *or* dog
griffe (f) de fermeture de la porte de la boite à fumée

a

скоба (f) *или* захватъ (m) дверцы дымовой трубы
griffa (m) di chiusura della camera da fumo
grapa (f) de cierre de la puerta de la caja de humos

doppelwandige Rauchkammertür (f)
double-plate smoke box door
porte (f) de boite à fumée à double paroi

дверцы (f pl) дымовой коробки съ двойной стѣнкой
porta (f) a doppia parete della cassa-fumo
puerta (f) de doble pared de la caja de humos

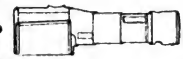
4. Bauart des Kessels
Type of Construction of Boiler
Mode de construction de la chaudière

Конструкція котла
Tipo di caldaia
Sistema de construcción de la caldera

Kessel (m) mit nicht überhöhtem Feuerbüchsmantel
straight top boiler
chaudière (f) à boite à feu non surhaussée

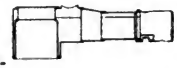
котёлъ (m) въ уровень съ кожухомъ огневой коробки
caldaia (f) con cassa esterna non rialzata
caldera (f) con caja de fuego no peraltada

Kessel (m) mit überhöhtem Feuerbüchsmantel
wagon top *or* raised top boiler
chaudière (f) à boite à feu surhaussée



котёлъ (m) съ приподнятымъ кожухомъ огневой коробки
caldaia (f) con cassa esterna rialzata
caldera (f) con caja de fuego peraltada

Kessel (m) mit überhöhtem Feuerbüchsmantel und überhöhtem rückwärtigen Kesselschusse
conical *or* extended wagon top boiler
chaudière (f) avec surhaussement de la boite à feu et de la virole contigue



котёлъ (m) съ приподнятыми кожухомъ огневой коробки и заднимъ звеномъ
caldaia (f) a cassa esterna e tronco posteriore rialzato
caldera (f) con caja de fuego y virola contigua peraltadas

Kesselbau (m) (= Herstellung des Kessels)
boiler construction
construction (f) de chaudières, travail (m) de chaudronnerie

постройка (f) котловъ
costruzione (f) delle caldaie
construcción (f) de la caldera

Kesselblech (n)
boiler plate *or* sheet (A)
tôle (f) à chaudières

котельное желѣзо (n)
lamiera (f) per caldaie
chapa (f) para calderas

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Kümpelung (f), Umbördelung (f)
flanging
emboutissage (m), tombage (m) *ou* rabattement (m) des bords

отгибаніе (n) краёвъ; загибаніе (n) бортовъ
risvolto (m)
borde (m) vuelto, reborde (m), brida (f)

1

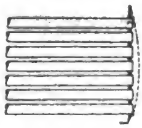
---

das Blech kümpeln (v)
to flange the plate
tomber (v) le bord de la tôle, emboutir (v)

загнуть (загибать) кромку листа
risvoltare (v) *o* sagomare (v) la parete di lamiera
rebordear (v) la pared de chapa

2

Ausbauchung (f) der Rohrwand
dishing *or* bulging of the tube plate
bombement (m) [vers l'] extérieur de la plaque tubulaire



выпуклость (f) трубной рѣшётки
imbottimento (m) della piastra tubolare
abolladura (f) exterior *ó* bombeamiento (m) de la placa tubular

3

---

der Kessel streckt sich
the boiler expands
la chaudière s'allonge

котёлъ (m) удлиняется
la caldaia si distende *o* s'allunga
la caldera se dilata

4

Kesseldruckprobe (f)
boiler pressure test
essai (m) de la chaudière sous pression

испытаніе (n) котла давленіемъ
prova (f) della caldaia sotto pressione
prueba (f) de la caldera á la presión

5

Dampfdruckprobe (f)
testing the boiler in steam, steam pressure test
essai (m) de la chaudière sous pression (de vapeur)

проба (f) котла давленіемъ пара; горячая проба котла
esperimento (m) *o* prova (f) della pressione del vapore
prueba (f) de la caldera bajo presión de vapor

6

Wasserdruckprobe (f)
testing the boiler by hydraulic pressure, hydraulic pressure test
essai (m) de la chaudière à la pression hydraulique

проба (f) котла гидравлическимъ давленіемъ; холодная проба котла
esperimento (m) *o* prova (f) della pressione idraulica
prueba (f) de la caldera á la presión hidráulica

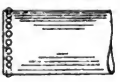
7

Kaltbrüchigkeit (f)
cold brittleness
fragilité (f) à froid

хладноломкость (f)
fragilità (f) a freddo
fragilidad (f) en frío

8

Rißbildung (f)
formation of cracks
crevassement (m), formation (f) de fissures



образованіе (n) трещины
formazione (f) di fenditure
formación (f) de rajas *ó* grietas

9

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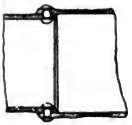
1 Hautriß (m)
surface crack
fissure (f) *ou* crevasse (f) superficielle, gerçure (f)

трещина (f) на поверхности; поверхностная трещина
fenditura (f) dello strato superficiale
raja (f) superficial



2 Abrostung (f)
rusting, oxidising
corrosion (f) par la rouille

ржавленіе (n)
arrugginamento (m)
corrosión (f) por orín

3 Schutzbelag (m), Schutzblech (n)
protective covering, protection *or* protector plate
revêtement (m) *ou* doublage (m) protecteur, tôle (f) protectrice

a

охранительное покрытіе (n); предохранительный листъ (m)
lamiera (f) di protezione
ehvoltura (f) de chapa protectora

4 Schutzleiste (f)
protection strip
bande (f) protectrice

b

защитная полоска (f); предохранительная планка (f)
listello (m) di protezione
listón (m) de protección

5 Bodenbelag (m)
bottom covering
revêtement (m) du fond

покрытіе (n) днища
rivestimento (m) del pavimento
revestimiento (m) del fondo

6 Anfressung (f) des Kesselbleches
corrosion of the boiler plate
corrosion (f) de la tôle de la chaudière

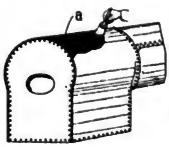
разъѣданіе (n) котельнаго листа
corrosione (f) della lamiera della caldaia
corrosión (f) de la chapa de la caldera

7 Schlaglotüberzug (m)
coat of hard solder
couche (f) de brasure

покрытіе (n) крѣпкимъ припоемъ
rivestimento (f) di saldatura forte
revestimiento (m) de soldadura fuerte

8 Zwischenlage (f) von Mennigkitt
intermediate layer of red lead cement *or* putty
couche (f) intermédiaire de mastic au minium

промазка (f) суриком'ъ
strato (m) interposto di mastice di minio
capa (f) intermedia de mástic de minio



a

9 Kesselanstrich (m)
boiler coating
couche (f) de peinture de la chaudière

окраска (f) котла
intonaco (m) *o* verniciatura (f) della caldaia
capa (f) de pintura de la caldera

10 Steinkohlenteer (m)
coal tar
goudron (m) de houille

каменноугольная смола (f)
catrame (m) di carbon fossile
alquitrán (m) de hulla

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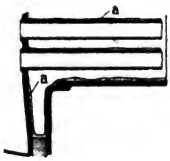
Kesselsteinablagerung (f)
deposit of scale *or* incrustation
dépôt (m) d'incrustations *ou* de tartre



осажденіе (n) накипи; образованіе (n) котельнаго камня
deposito (m) d'incrostazioni
depósito (m) de incrustaciones

1

Kesselstein (m)
scale, incrustation
incrustations (f pl), tartre (m), sédiments (m pl), calcin (m)

a

накипь (f); котельный камень (m)
incrostazione (f) nella caldaia
incrustaciones (f pl)

2

Kesselausrüstung, Kesselarmatur

Boiler Fittings

Equipement d'une chaudière, accessoires de chaudière

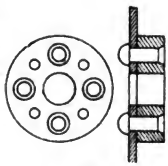
Оборудованіе котловъ, арматура котловъ

Accessori della caldaia

Accesorios de la caldera

3

Befestigungsflansch (m) (für die Kesselausrüstung)
boiler seating *or* pad
bride (f) d'attache *ou* de raccordement de tuyau



укрѣпительный фланецъ (m) [для арматуры котла]
flangia (f) d'attacco a raccordo del tubo
brida (f) de unión *o* de fijación de tubo

4

Auswaschöffnung (f), Reinigungsluke (f)
wash-out hole *or* opening
regard (m) de lavage

промывательный люкъ (m); отверстіе (n) для чистки котла
foro (m) *o* portina (f) di sciacquamento
registro (m) de lavado

5

Linsenplatte (f), Linse (f)
coned wash-out cover
bouchon (m) [en forme de lentille]

a

чечевицеобразная крышка (f); чечевица (f); линза (f)
piastra (f) lenticolare
lente (f)

6

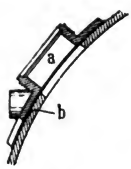
Linsensitz (m)
coned wash-out seating
siège (m) du bouchon

b

сѣдло (n) чечевицеобразной крышки
sede (f) della piastra lenticolare
asiento (m) del tapón

7

Waschlukenaufsatz (m)
wash-out door cover
couvercle (m) placé sur le regard de lavage



a

гнѣздо (n) *или* насадка (f) промывательнаго люка
rialzo (m) del portino d'asciacquamento *o* dello spurgo
tapa (f) colocada sobre el orificio *ó* registro de lavado

8

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Stemmblech (n)
lead joint *or* washer
1 rondelle (f) assurant l'étanchéité (entre le siège et la tôle)

прокладка(f) изъ жести *или* прокладочный жестяный листъ (m) [между гнѣздомъ и стѣнкой котла]
lamiera (f) di compressione
rondela (f) de junta estanca (entre el asiento y la chapa)

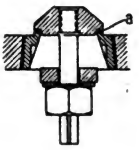
Eckluke (f)
2 corner wash-out
regard (m) d'angle

угловой люкъ (m)
foro (m) d'angolo
registro (m) de ángulo

Bodenluke (f), Bauchluke (f)
3 bottom wash-out *or* mudhole
regard (m) de fond

нижній люкъ (m)
foro (m) *o* portina (f) di fondo
registro (m) de fondo

Bleidichtungsring (m)
lead washer *or* joint ring
4 bague (f) de joint en plomb



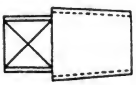
a

свинцовое уплотнительное *или* прокладочное кольцо (n)
anello (m) di tenuta in piombo, guarnitura (f) di piombo
aro (m) de junta de plomo

Auswaschflansch (m), Auswaschstutzen (m)
5 wash-out flange
siège (m) à bride du bouchon de lavage

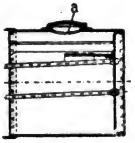
промывательный фланецъ (m)
flangia (f) dell'apertura di pulitura *o* di lavaggio
asiento (m) para la limpieza ó del tapón de limpieza

Waschbolzen (m), kegelförmige Auswaschschraube (f) *oder* Reinigungsschraube (f)
6 tapered wash-out plug *or* screw
bouchon (m) de lavage conique



промывательная пробка (f); коническая люковая пробка
vite (f) conica di lavaggio
tapón (m) de limpieza cónico

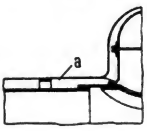
Mannloch (n)
7 manhole
trou (m) d'homme



a

лазъ (m)
passo (m) d'uomo
agujero (m) de hombre

Kesselbekleidung (f)
boiler lagging *or* clothing
8 enveloppe (f) de chaudière



обшивка (f) котла
rivestimento (m) della caldaia
camisa (f) ó envoltura (f) de la caldera

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Bekleidungsblech (n), Verschalungsblech (n)
clothing sheet, lagging cover
tôle (f) d'enveloppe

a

общивочное желѣзо (n); общивочный желѣзный листъ (m) 1
lamierino (m) di rivestimento
chapa (f) de envoltura

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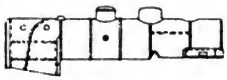
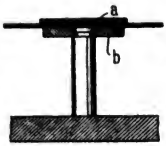
verkleideter *oder* bekleideter Kessel (m)
lagged boiler
chaudière (f) avec enveloppe



общитый котёлъ (m); котёлъ съ общивкой
caldaia (f) rivestita *o* foderata 2
caldera (f) con envoltura

Quernaht (f) der Kesselbekleidung
circumferential seam of boiler lagging
joint (m) transversal *ou* circulaire de l'enveloppe de la chaudière



поперечный шовъ (m) общивки котла
giunto (m) *o* cucitura (f) trasversale del rivestimento *o* della fodera 3
roblonado (m) transversal de la envoltura

Zugband (n)
clothing *or* tightening band
bande (f) de raidissage

a

стяжное кольцо (n); стяжная лента (f)
nastro (m) *o* fascia (f) di trazione 4
cinta (f) de refuerzo

Unterreifen (m), Spannreifen (m)
crinoline band
cercle (m) de la carcasse *ou* crinoline

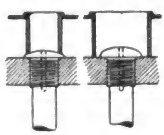
b

подкладочное кольцо (n); нижнее натяжное кольцо 5
fasciatura (f) inferiore
aro (m) inferior

Ausschnitt (m) in der Kesselbekleidung
opening in the boiler lagging
évidement (m) *ou* fenêtre (f) dans l'enveloppe de la chaudière

вырѣзъ (m) въ общивкѣ котла
apertura (f) nel rivestimento della caldaia 6
orificio (m) en el revestimiento

Hülse (f) für Stehbolzenköpfe
ferrule for staybolt heads
regard (m) pour têtes d'entretoises



гильза (f) для головокъ распорныхъ болтовъ
fodera (f) per teste di chiavarde passanti 7
funda (f) para las cabezas de virotillos

Saumwinkel (m)
boiler seam angle *or* trestle
cornière (f) de bordure

замковый угольникъ (m)
fêrro (m) d'angolo per orli 8
cantonera (f)

Deckblech (n)
cover plate *or* sheet
tôle (f) d'enveloppe

общивочное желѣзо (n)
lamíera (f) di ricoprimento 9
chapa (f) de envoltura

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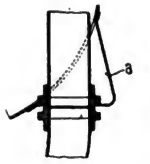
1 Dichtungskappe (f)
cover, guard
chapeau (m) d'étanchéité, couvre-joint (m)



a

кожухъ (m), обезпечивающій непроницаемость
callotta (f) di tenuta
caperuza (f) de cierre

2 Wärmeverlust (m)
loss of heat
perte (f) de chaleur

$W = \alpha \cdot 60\, F_{qm}\,(T^{o}\text{-}t^{o})$

потеря (f) теплоты или тепла
perdità (f) di calore
pérdida (f) de calor

3 Abkühlungsverlust (m)
loss due to cooling
perte (f) par refroidissement

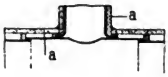
потеря (f) вслѣдствіе охлажденія
perdità (f) per raffreddamento
pérdida (f) por enfriamento

4 Ausstrahlungswert (m)
radiation value
coefficient (m) de rayonnement

α

коэффиціентъ (m) лученіспусканія
valore (m) di irradiamento
coefficiente (m) de radiación

5 Wärmeschutzmasse (f)
non-conducting *or* boiler lagging compositive
calorifuge (m), revêtement (m) calorifuge



a

вещество (n), защищающее отъ потери теплоты; изолирующее вещество; изоляція (f)
coibente (m), massa (f) coibente
materia (f) calorifuga

6 [imprägnierter] Filz (m)
impregnated felt
feutre (m) imprégné

[пропитанный] войлокъ (m)
feltro (m) impregnato
fieltro (m) impregnado

7 Infusorienerde (f), Kieselgur (f)
fossil meal, kieselguhr, infusorial earth
terre (f) d'infusoires, farine (f) fossile, kieselguhr (m)

инфузорная земля (f); кизельгуръ (m); трепелъ (m); трепилъ (m)
farina (f) fossile
harina (f) fósil, tierra (f) de infusorios

8 Kuhhaare (n pl)
cow hair
bourre (f) de vache, poils (m pl) de vache

коровья шерсть (f)
peli (m pl) di vacca
pelo (m) de vaca

9 Korkabfälle (m pl)
cork chips, cork waste
déchets (m pl) de liège

пробковые обрѣзки (m pl)
cascami (m pl) di sughero
desperdicios (m pl) de corcho

10 weißer Asbest (m)
white asbestos
amiante (m)

бѣлый азбестъ (m)
amianto (m), asbesto (m) bianco
amianto (m)

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Holzlatten (f pl)
wooden lathes
lattes (f pl) de bois

деревянныя дранки (f pl) *или* планки (f pl); рѣщетина (f); дранница (f) *1*
correntini (m pl) di legno
listones (m pl) de madera

Rohseideabfälle (m pl)
raw-silk waste
bourre (f) de soie, déchets (m pl) de soie brute

шёлковые очески (m pl)
cascami (m pl) di seta cruda *o* di seta greggia *2*
desperdicios (m pl) *ó* desechos (m pl) de seda bruta

Schlackenwolle (f)
mineral *or* slag wool, silicate cotton
laine (f) de scories

шлаковая шерсть (f)
lana (f) di scorie *3*
lana (f) de escorias

Matratze (f) aus blauem Asbest
blue asbestos mattress
matelas (m) en asbeste

матрасъ (m) изъ синяго азбеста
materasso (m) d'asbesto [azzurro] *4*
almohadilla (f) de asbesto

Anstrich (m) des Verkleidungsbleches
painting *or* coating of the clothing sheet
[couche (f) de] peinture (f) de la tôle d'enveloppe

окраска (f) обшивочнаго листа
intonaco (m) della lamiera di rivestimento *5*
o delle fordere
capa (f) de pintura de la chapa de envoltura

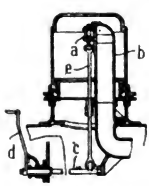
Glanzblech (n), Hochglanzblech (n)
planished *or* polished sheet
tôle (f) polie, tôle (f) de Russie

глянцевое листовое желѣзо (n)
lamiera (f) lucida *6*
chapa (f) pulida *ó* de Russia

Regler
Regulator, Throttle (A)
Régulateur

Регуляторъ
Regolatore, moderatore *7*
Regulador

Reglerschieber (m)
regulator valve, throttle valve
tiroir (m) de régulateur, glissière (f) de modérateur



a

золотникъ (m) регулятора
registro (m), piastra (f) *o* cassetto (m) del regolatore *8*
válvula (f) de regulador

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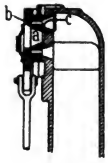
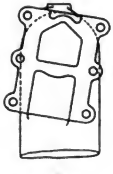
1	Reglerrohr (n) regulator head, throttle pipe (A) tuyau (m) de régulateur	b	паропроводная труба (f) регулятора; регуляторная труба; [фиг.:] регуляторное колѣно (n) tubo (m) del regolatore tubo (m) del regulador
2	Reglerwelle (f) regulator rod, throttle stem (A) arbre (m) de commande du régulateur	c	валъ (m) регулятора; регуляторный валъ albero (m) del regolatore eje (m) de impulsión del regulador
3	Reglerhebel (m) regulator handle, throttle lever (A) levier (m) de régulateur	d	рычагъ (m) регулятора; регуляторный рычагъ leva (m) del regolatore palanca (f) del regulador
4	Reglerzugstange (f) regulator valve rod, throttle rod (A) bielle (f) de régulateur	e	тяга (f) регулятора; регуляторная тяга tirante (m) del regolatore biela (f) del regulador
5	Hauptschieber (m), Grundschieber (m) main slide valve tiroir (m) principal	 a	главный *или* основной *или* большой золотникъ (m) registro (m) principale válvula (f) principal
6	Schleppschieber (m), Hilfsschieber (m) easing *or* jockey valve tiroir (m) secondaire	b	движущій *или* вспомогательный *или* малый золотникъ (m) registro (m) trascinato válvula (f) inferior
7	Schieberfläche (f) valve slide surface table (f) du tiroir	c	зеркало (n) золотника superficie (f) del registro tabla (f) de la válvula
8	Reglerfläche (f) mit dreieckiger Öffnung slide surface with triangular opening table (f) *ou* glace (f) de régulateur à lumière triangulaire		зеркало (n) регулятора съ треугольнымъ отверстіемъ superficie (f) del registro a luci triangolari tabla (f) de regulador con lumbrera triangular
9	Doppelsitzventilregler (m) regulator *or* throttle with double beat valve régulateur (m) à soupape à deux sièges, régulateur (m) équilibré		двухопорный клапанный регуляторъ (m); клапанный регуляторъ съ двойнымъ сѣдломъ regolatore (m) a val vola a doppia sede regulador (m) de válvula de doble asiento

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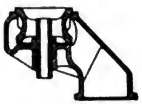
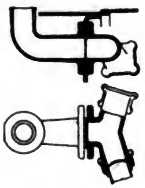
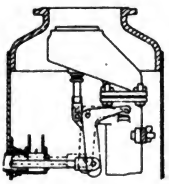
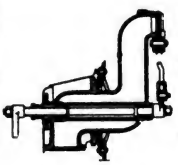
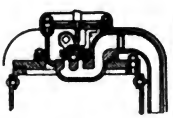
Reglerventil (n) regulator *or* throttle (A) valve soupape (f) de régulateur	a		регуляторный клапанъ (m) valvola (f) regolatrice válvula (f) reguladora
Reglerkopf (m) regulator head, throttle (A) valve chamber tête (f) de régulateur			головка (f) регулятора testa (f) del regolatore cabeza (f) de regulador
Reglerknierohr (n) regulator pipe elbow tuyau (m) condé du régulateur, tuyau (m) condé de prise de vapeur			регуляторная труба (f); регуляторное колѣно (n) tubo (m) articolato regolatore tubo (m) acodado de regulador
Reglerkreuzrohr (n), Dampfeinströmungskreuzrohr (n) regulator tee pipe culotte (f) de prise de vapeur			тройникъ (m) регулятора tubo (m) a croce del regolatore tubo (m) en cruz del regulador
Reglerantrieb (m) regulator *or* throttle control gear commande (f) de régulateur			приводъ (m) регулятора; регуляторный механизмъ (m) comando (m) del regolatore mecanismo (m) de impulsión del regulador
durch das Dampfrohr geführte Reglerwelle (f) regulator *or* throttle lever carried through the steam pipe arbre (m) de régulateur traversant le tuyau de vapeur			валъ (m) регулятора, проходящій черезъ паропроводную трубу albero (m) di comando del regolatore passante pel tubo di vapore eje (m) del regulador pasando á través del tubo de vapor
Reglergehäuse (n) regulator *or* throttle chamber boîte (f) de régulateur			регуляторная коробка (f); коробка регулятора astuccio (m) del regolatore caja (f) del regulador
Reglerschmiergefäß (n) regulator *or* throttle lubricating cup graisseur (m) de régulateur			маслёнка (f) регулятора ingrassatore (m) del regolatore engrasador (m) del regulador

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1 den Regler öffnen (v)
to open the regulator *or* throttle (A)
ouvrir (v) le régulateur

открыть регуляторъ
aprire (v) il regolatore
abrir (v) el regulador

2 den Regler schließen (v)
to close the regulator *or* throttle (A)
fermer (v) le régulateur

закрыть регуляторъ
chiudere (v) il regolatore
cerrar (v) el regulador

3 den Dampfzutritt absperren (v)
to stop *or* shut off the steam supply
intercepter (v) *ou* couper (v) l'entrée de la vapeur

прекратить впускъ пара; закрывать паръ
intercettare (v) *o* chiudere (v) l'entrata del vapore
interrumpir (v) la entrada del vapor.

Speisevorrichtung

4 **Feeding Device**

Appareils d'alimentation

Питательные приборы

Apparecchio d'alimentazione

Aparatos de alimentación

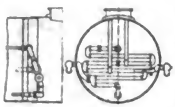
5 den Kessel speisen (v)
to feed the boiler
alimenter (v) la chaudière

питать котёлъ (m)
alimentare (v) la caldaia
alimentar (v) la caldera

6 Kesselspeisewasser (n)
feed water
eau (f) d'alimentation de la chaudière

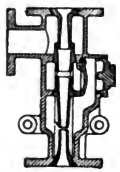
питательная вода (f) [для котла]
acqua (f) d'alimentazione della caldaia
agua (f) de alimentación de la caldera

7 Vorwärmung (f) des Speisewassers
fore-warming *or* preheating the feed water
réchauffage (m) de l'eau d'alimentation



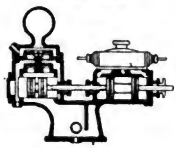
подогрѣваніе (n) питательной воды
riscaldamento (m) dell'acqua d'alimentazione
recalentamiento (m) del agua de alimentación

8 Strahlpumpe (f), [Injektor (m)]
injector
injecteur (m)



инжекторъ (m); паростру́йный питательный приборъ (m)
iniettore (m)
inyector (m)

9 Kolbenpumpe (f)
piston pump
pompe (f) à piston



поршневой насосъ (m)
pompa (f) a stantuffo
bomba (f) de émbolo

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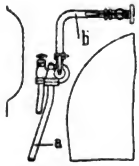

a

Wasserzuleitung (f)
water piping
conduite (f) d'arrivée d'eau

подводъ (m) *или* подведеніе (n) воды
condotta (f) d'arrivo d'acqua
[tubo (m) de] conducción (f) del agua

1

b

Dampfzuleitung (f)
steam piping
arrivée (f) de vapeur, conduite (f) d'admission

подводъ (m) *или* подведеніе (n) пара
condotta (f) del vapore
[tubo (m) de] conducción (f) de vapor

2

Fördermenge (f) einer Pumpe
delivery of a pump, quantity of water lifted
débit (m) d'une pompe

подача (f) *или* производительность (f) насоса; количество (n) воды, подаваемое насосомъ
portata (f) d'una pompa
capacidad (f) de una bomba

3

veränderliche Fördermenge (f)
variable delivery
débit (m) variable

перемѣнная подача (f) насоса; перемѣнное количество (n) воды, подаваемое насосомъ
portata (f) variabile
capacidad (f) variable

4

Regelung (f) der Fördermenge
regulation of the quantity lifted
réglage (m) du débit

регулированіе (n) *или* регулировка (f) подачи насоса
regolazione (f) della portata
regulación (f) de la capacidad

5

die Strahlpumpe anlassen (v) *oder* anstellen (v) *oder* ansetzen (v)
to start the injector
mettre (v) l'injecteur en marche

привести инжекторъ въ дѣйствіе
avviare (v) l'iniettore, mettere (v) l'iniettore in funzione
poner (v) en marcha el inyector

6

die Strahlpumpe absetzen (v) *oder* abstellen (v)
to stop the injector
arrêter (v) l'injecteur

остановить инжекторъ
fermare (v) *od* arrestare (v) l'iniettore
parar (v) el inyector

7

die Strahlpumpe schlägt ab *oder* setzt ab
the injector fails
l'injecteur se désamorce, l'injecteur rate

инжекторъ (m) не дѣйствуетъ (отказывается дѣйствовать); инжекторъ не берётъ
l'iniettore si arresta *o* si separa
el inyector deja escapar el agua, el inyector falla

8

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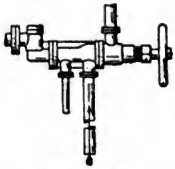


saugende Strahlpumpe (f)
1 lifting *or* suction injector
injecteur (m) aspirant

всасывающій инжекторъ (m)
iniettore (m) aspirante
inyector (m) aspirante

Strahldüse (f)
2 jet nozzle *or* cone
tuyère (f)

струйное сопло (n); струйный конусъ (m)
ugello (m) a getto
tobera (f) de chorro

Dampfdüse (f)
3 steam cone, steam nozzle
tuyère (f) à vapeur

a

паровое сопло (n); паровой конусъ (m)
foro (m) *od* ugello (m) di uscita del vapore
tobera (f) de vapor

Mischdüse (f), Fangdüse (f)
4 combining *or* mixing nozzle *or* cone
chambre (f) *ou* cheminée (f) [de mélange]

b

смѣшивающій конусъ (m); сопло (n) смѣшенія
ugello (m) di miscuglio
cámara (f) *ó* chimenea (f) de mezcla

Druckdüse (f)
5 discharge *or* delivery cone, delivery nozzle
[cône (m)] divergent (m)

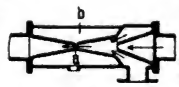
c

напорное сопло (n); нагнетательный конусъ (m)
ugello (m) premente
conductor (m) divergente

Düsensatz (m)
6 set of nozzles *or* cones
jeu (m) de tuyères, système (m) de tuyères

a b c

комплектъ (m) сопелъ *или* конусовъ
insieme (m) degli ugelli, sistema (m) di ugelli
juego (m) de toberas



Überlauf (m)
7 overflow
trop-plein (m)

a

сливъ (m); вѣстовое очко (n)
sfioratore (m)
rebosadero (m), trop-plein (m)

Überlaufraum (m), Schlabberraum (m)
8 overflow space
chambre (f) de trop-plein

b

сливное *или* отводное пространство (n)
spazio (m) dello sfioratore
espacio (m) del rebosadero

Überlaufventil (n), Schlabberventil (n)
9 overflow valve
soupape (f) de trop-plein

клапанъ (m) вѣстовой *или* сливной трубы
valvola (f) dello sfioratore
válvula (f) del rebosadero

a

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Überlaufrohr (n), Schlabberrohr (n)
overflow pipe
tuyau (m) de trop-plein

b

вѣстовая *или* сливная труба (f)
tubo (m) dello sfioratore
tubo (m) del rebosadero

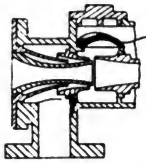
1

Überlaufwasser (n), Schlabberwasser (n)
overflow water
excédent (m) d'eau, eau (m) sortant du trop-plein

теряемая *или* излишняя вода (f) [въ инжекторѣ] изъ вѣстового клапана
acqua (f) di sfioratore
acqua (f) di troppopieno
excedente (m) de agua, agua (f) que sale del rebosadero

2

Überlaufklappe (f)
overflow valve
soupape (f) de trop-plein



a

клапанный затворъ (m) для излишней воды [въ инжекторѣ]; вѣстовой клапанъ (m) инжектора
valvola (f) di troppo pieno
valvula (m) del rebosadero

3

Ansaugen (n)
suction, sucking
amorçage (m) (d'un injecteur), aspiration (f)

присасываніе (n)
aspirare (m)
cebamiento (m)

4

Saugspindel (f)
suction spindle
aiguille (f) d'aspiration

всасывающій конусъ (m); всасывающая игла (f)
ago (m) d'aspirazione
aguja (f) de cebamiento

5

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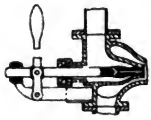
durchbohrte Saugspindel (f)
hollow suction spindle
aiguille (f) perforée



просверленный всасывающій конусъ (m)
ago (m) perforato d'aspirazione
aguja (f) de cebamiento perforada

6

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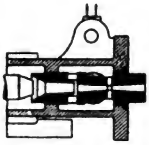
doppelter Überlauf (m)
double overflow
trop-plein (m) double



двойной отводъ (m); двойной сливъ (m)
sfioratore (m) doppio
rebosadero (m) doble

7

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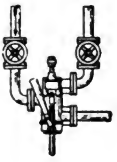
nicht saugende Strahlpumpe (f)
non-lifting injector
injecteur (m) [fonctionnant] en charge, injecteur (m) non aspirant



невсасывающій инжекторъ (m)
iniettore (m) non aspirante
inyector (m) no aspirante, inyector (m) en carga

8

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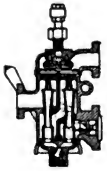
1 Doppelstrahlpumpe (f), Universal-Injektor (m)
universal injector, duplex *or* double tube injector
injecteur (m) universel, injecteur (m) double

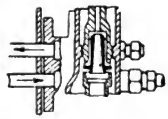


универсальный инжекторъ (m)
iniettore (m) universale, iniettore (m) doppio
inyector (m) universal con dos juegos de toberas

2 selbsttätig wieder anziehende Strahlpumpe (f)
restarting injector
injecteur (m) à [re]amorçage automatique, injecteur (m) restarting

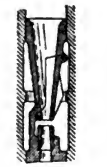
автоматически всасывающій инжекторъ (m)
iniettore (m) ad aspirazione automatica
inyector (m) de cebamiento automático

3 bewegliche Mischdüse(f)
movable combining cone *or* mixing nozzle
tuyère (f) de mélange mobile



подвижное смѣшивающее сопло (n); подвижной конусъ (m) смѣшенія
ugello (m) mobile di miscuglio
tobera (f) de mezcla móvil

4 Klappdüse (f), Mischdüse (f) mit drehbarer Klappe
combining *or* mixing nozzle with revolving flap
tuyère (f) de mélange avec clapet à charnière



смѣшивающее сопло (n) съ поворотной заслонкой *или* створкой
ugello (m) di miscuglio con valvola a cerniera
tobera (f) de mezcla con válvula rotativa

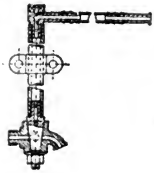
5 doppelte Dampfdüse (f)
double steam nozzle *or* cone
tuyère (f) à vapeur double

двойное паровое сопло (n); двойной паровой конусъ (m)
ugello (m) di uscita del vaporè doppio
tobera (f) de vapor doble

6 Auspuffdampfstrahlpumpe (f)
exhaust steam injector
injecteur (m) à vapeur d'échappement

инжекторъ (m), работающій мятымъ паромъ
iniettore (m) a vapore di scappamento
inyector (m) de vapor de escape

7 Kohlenspritzhahn (m), Kohlennäßhahn (m)
cock for spraying water on coal
robinet (m) d'arrosage du charbon



кранъ (m) для поливки угля
robinetto (m) d'aspersione del carbone *o* del bagnacarbone
grifo (m) rociador del carbón

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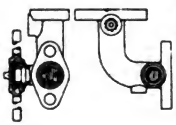
Kupplungstutzen (m) der Dampfheizung
connecting *or* coupling pipe for steam heating apparatus
tubulure (f) de raccordement du chauffage à vapeur

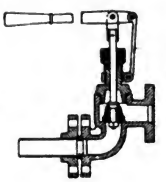
патрубокъ (m) для присоединенія парового отопленія
appendice (f) tubolare del riscaldamento a vapore *1*
tubuladura (f) de unión del recalentamiento á vapor

Feuerlöschstutzen (m)
extinguisher connection, fire hydrant hose elbow
tubulure (f) d'extinction



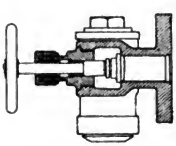
пожарный патрубокъ (m)
appendice (f) tubolare d'estinzione, attacco (m) per estinzione del fuoco *2*
tubuladura (f, de extinción

Dampfventil (n) für Strahlpumpen
injector steam valve
soupape (f) de prise de vapeur pour injecteurs



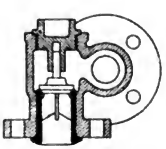
паровой клапанъ (m) для инжекторовъ
valvola (f) di vapore per iniettori *3*
válvula (f) de toma de vapor para inyectores

Speiseventil (n), Speisekopf (m)
feed valve
soupape (f) d'alimentation



питательный клапанъ (m); питательная головка (f)
valvola (f) d'alimentazione, guarnitura (f) d'alimentazione *4*
válvula (f) de alimentación

Rückschlagventil (n)
non-return *or* clack *or* check (A) valve
soupape (f) de retenue



возвратный клапанъ (m); задерживающій клапанъ *5*
valvola (f) di ritenuta
válvula (f) de retención

Kesselspeiserohr (n), Druckrohr (n)
boiler feed pipe, injector pipe
tuyau (m) d'alimentation de la chaudière

питательная труба (f) парового котла
tubo (m) d'alimentazione della caldaia *6*
tubo (f) de alimentación de la caldera

Speiserufer (m)
low water alarm
avertisseur (m) d'alimentation

сигнальный приборъ (m) питанія
avvisatore (m) d'alimentazione *7*
silbato (m) de alarma del aparato de alimentación

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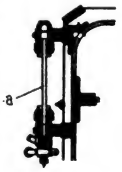
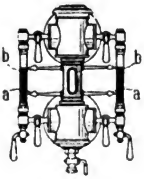
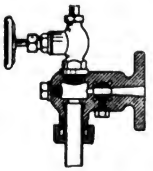
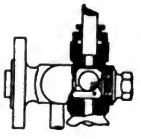
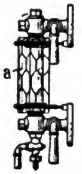
	Wasserstandprüfer **Water Level Testing Device** Indicateurs de niveau d'eau		Приборы для наблюдения за уровнемъ воды Verificatore del livello d'acqua Indicadores de nivel de agua
2	Wasserstandglas (n) water gauge *or* gage (A), gauge *or* gage (A) glass tube (m) [d'indicateur] de niveau [d'eau]	 a	водомѣрное стекло (n) indicatore (m) di livello in vetro tubo (m) de vidrio del [indicador de] nivel de agua
3	Wasserstandmarke (f) water level pointer *or* indicator marque (f) *ou* repère (m) de niveau d'eau	 a, b	мѣтка (f) уровня воды indicatore (m) del livello d'acqua marca (f) del nivel de agua
4	Wasserstandkopf (m) body of water gauge, water gauge mounting garniture (f) d'indicateur de niveau d'eau		головка (f) *или* оправа (f) *или* корпусъ (m) водоуказателя guarnizione (f) dell'indicatore di livello guarnición (f) del indicador de nivel
5	Absperrkugel (f) stop valve ball boulet (m) obturateur		запорный *или* затворный шарикъ (m) sfera (f) otturatrice bola (f) de obstrucción
6	Schutzkorb (m) shield, guard, protector protecteur (m), grillage (m) protecteur	 a	предохранительная коробка (f); предохранительный футляръ (m) gabbia (f) protettrice *o* di riparo funda (f) de protección

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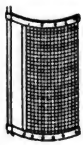
Schutzkorb (m) aus Drahtgeflecht
protecting shield of wire netting
protecteur (m) en toile métallique, cage (f) protectrice



предохранительная проволочная сѣтка (f)
gabbia (f) protettrice [a maglia] di filo metallico, riparo (m) a rete metallica
funda (f) de protección de tela metálica

1

Schutzkorb (m) aus Metallrahmen
metal frame shield
protecteur (m) à gaine métallique

предохранительная коробка (f) изъ металлическаго листа
gabbia (f) protettrice a telaio metallico, riparo (m) a parete piena
funda (f) protectora de metal

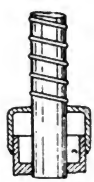
2

Schutzkorb (m) aus Hartglas
hard-glass shield
protecteur (m) en verre trempé

предохранительная коробка (f) изъ закалённаго стекла
gabbia (f) protettrice in vetro resistente
funda (f) protectora de cristal

3

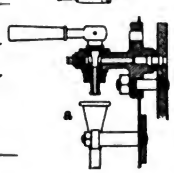
Umwicklung (f) des Glases mit Stahldraht
steel wire armouring of the glass
enroulement (m) de fil d'acier autour du verre



обмотка (f) стекла стальной проволокой
inviluppo (m) del vetro con filo d'acciaio
envoltura (f) del cristal con alambre de acero

4

Probierhahn (m), Probehahn (m)
test *or* gauge cock, try cock (A)
robinet (m) de jauge



водопробный кранъ (m)
robinetto (m) di prova
grifo (m) de prueba

5

Tropfbecher (m)
drip pan
égouttoir (m), collecteur (m) de robinet de jauge

a

каплесобиратель (m); воронка (f)
bacinella (f) per goccie paragotas (m)

6

Durchstoßen (n) der Probierhähne
purging the test cocks
dégorgement (m) des robinets de jauge

прочистка (f) пробныхъ кранов
sturare (m) *o* ripulire (m) i robinetti di prova
desobstrucción (f) de los grifos de prueba

7

Probierventil (n), Probeventil (n)
test *or* gauge valve
soupape (f) *ou* pointeau (m) de robinet de jauge

водопробный клапанъ (m)
valvola (f) di prova
válvula (f) de prueba

8

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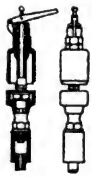
1 wirklicher Wasserstand (m)
actual water level
niveau (m) réel de l'eau
действительный уровень (m) воды
livello (m) reale dell'acqua
nivel (m) real del agua

2 scheinbarer Wasserstand (m)
apparent water level
niveau (m) apparent de l'eau
кажущійся уровень(m) воды
livello(m) apparente dell'acqua
nivel (m) aparente del agua

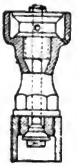
3 **Sonstiges Zubehör** / **Sundry Accessories** / **Accessoires divers** — **Прочія принадлежности** / **Accessori diversi** / **Accesorios diversos**

4 Dampfpfeife (f)
steam whistle
sifflet (m) à vapeur



паровой свистокъ (m)
fischio (m) a vapore
silbato (m) de vapor

5 Pfeifenventil (n)
whistle valve
soupape (f) de sifflet



клапанъ (m) свистка
valvola (f) del fischio
válvula (f) de silbato

6 Glocke (f) der Dampfpfeife
bell of the steam whistle
cloche (f) du sifflet à vapeur

колоколъ (m) парового свистка
campana (f) del fischio a vapore
campana (f) del silbato

7 zylindrische Glocke (f)
cylindrical whistle
cloche (f) cylindrique

цилиндрическій колоколъ (m)
campana (f) cilindrica
campana (f) cilindrica

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kugelförmige Glocke (f)
spherical whistle
cloche (f) sphérique

шарообразный колоколъ (m)
campana (f) sferica
campana (f) esférica
1

Höhe (f) des Tones
pitch of tone
hauteur (f) du son

высота (f) тона *или* звука
timbro (m) del suono
altura (f) del tono
2

Stärke (f) des Tones
strength of tone *or* sound
intensité (f) du son

сила (f) тона *или* звука
intensità (f) del suono
intensidad (f) del sonido
3

Pfeife (f) mit Doppelton
whistle with double tone
sifflet (m) à deux sons

двухтонный *или* двухзвучный свистокъ (m); свистокъ въ два тона
fischio (m) a doppio suono
silbato (m) de doble nota
4

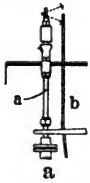
Heulpfeife (f), Sirene (f)
siren
sirène (f)

сирена (f); ревунъ (m)
sirena (f)
sirena (f)
5

Dreiklangpfeife (f)
single bell chime pipe, three toned whistle
sifflet (m) à trois sons simultanés

трёхтонный *или* трёхзвучный свистокъ (m); свистокъ въ три тона
fischio (m) a tre suoni all'unisono
silbato (m) de tres notas simultáneas
6

Pfeifenrohr (n)
whistle tube
tube (m) *ou* colonne (f) de sifflet



трубка (f) *или* колонка (f) свистка
tubo (m) del fischio
tubo (m) del silbato
7

Pfeifenzug (m)
whistle gear
commande (f) du sifflet

b

приводъ (m) къ свистку
meccanismo (m) di manovra del fischietto *o* della sirena
mecanismo (m) de maniobra del silbato
8

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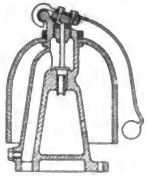
1 Glocke (f), Läutwerk (n)
bell, alarm
cloche (f), timbre (m)

колоколь (m)
campana (f), apparecchio (m) di soneria
campana (f)

---

2 Dampfläutwerk (n)
steam bell
sonnerie (f) *ou* timbre (m) à vapeur



паровой колоколъ (m)
soneria (f) a vapore
campanilla (f) de vapor

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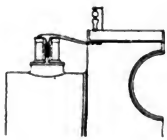
3 Sicherheitsventil (n)
safety valve
soupape (f) de sûreté



предохранительный клапанъ (m)
valvola (f) di sicurezza
válvula (f) de seguridad

---

4 freie Durchlaßöffnung (f)
free passage opening
ouverture (f) de passage libre

свободчое пропускное отверстіе (n)
apertura (f) libera di passaggio *o* di uscita
abertura (f) de paso libre

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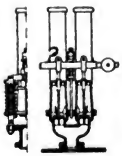
5 Ramsbottomsches Ventil (n)
Ramsbottom valve
soupape (f) [de] Ramsbottom



клапанъ (m) Рамсботома
valvola (f) Ramsbottom
válvula (f) de Ramsbottom

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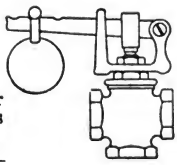
6 Ventil (n) mit Hebel- *oder* Gewichtbelastung
lever safety valve
soupape (f) chargée par levier et contrepoids



клапанъ (m) сътрузомъ на рычагѣ
valvola (f) caricata a leva *od* a bilancia
válvula (f) de carga por palanca

---

7 Ventil (n) mit Feder- und Hebelbelastung
spring and lever loaded valve, balance valve
soupape (f) à levier et ressort, balance (f) de locomotive

комбинированный пружинный и рычажный клапанъ (m) *или* вентиль (m)
valvola (f) a molla ed ad azione di leva a bilanciere
válvula (f) de palanca y muelle, balancín (m) de locomotora

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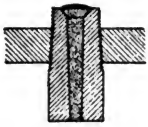
Pop-Ventil (n)
spring loaded *or* Pop-valve
soupape (f) à ressort, soupape (f) à charge directe

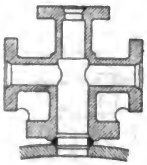
захлопный клапанъ (m)
valvola (f) a pressione diretta
válvula (f) de (seguridad con) resorte
1

Bleipfropfen (m), Schmelzpfropfen (m)
fusible plug, lead plug
bouchon (m) *ou* plomb (m) fusible



легкоплавкая пробка (f); предохранительная пробка
tappo (m) fusibile
tapón (m) fusible
2

Dampfstutzen (m), Armaturkopf (m)
steam connection
tubulure (f) [de raccord] de vapeur

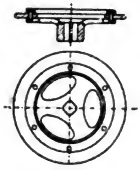


паровой патрубокъ (m)
appendice (f) tubolare pel vapore, gruppo (m) di raccordo
tubuladura (f) [de unión] de vapor
3

Dampfheizungsventil(n)
steam heating valve
soupape (f) du chauffage à vapeur

вентиль (m) парового отопленія
valvola (f) pel riscaldamento a vapore
válvula (f) del recalentamiento á vapor
4

Ventilhandrad (n)
valve hand wheel
volant (m) de manœuvre de soupape



маховичокъ (m) клапана
volantino (m) di manovra della valvola
volante (m) de maniobra de la válvula
5

Druckanzeiger (m), Manometer (n)
pressure gauge, manometer
manomètre (m)

манометръ (m)
manometro (m)
manómetro (m)
6

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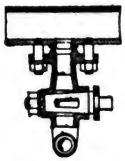
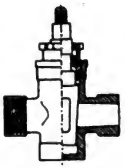
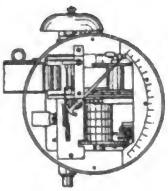


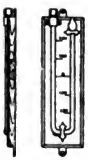
1 Ablaßhahn (m) / drain cock / robinet (m) de vidange — спускной кранъ (m) / robinetto (m) di scarico / grifo (m) de descarga



2 Schaumhahn (m), Abblasehahn (m), Schlammhahn (m) / blow-off cock, scum-cock / robinet (m) de purge — продувательный или продувной кранъ (m) / robinetto (m) di spurgo / grifo (m) de purga



3 Geschwindigkeitsmesser (m) / velocity *or* speed gauge / indicateur (m) de vitesse — указатель (m) скорости / indicatore (m) della velocità / indicador (m) de velocidad



4 Zugmesser (m) / blast indicator / indicateur (m) de tirage — тягомѣръ (m); измѣритель (m) силы тяги / indicatore (m) del tiraggio *o* della tirata / indicador (m) de tiro

5	**Lokomotivgestell** / **Locomotive Underframe** / **Châssis de locomotive**	**Экипажная часть паровоза** / **Carro della locomotiva** / **Bastidor de la locomotora**

6 Lokomotivrahmen (m) / locomotive *or* engine frame / châssis (m) de locomotive — паровозная рама (f) / telaio (m) della locomotiva / bastidor (m) de la locomotora

7 Rahmen (m), Rahmengestell (n) / frame / châssis (m) — рама (f); рама съ приборомъ / telaio (m), intelaiatura (f) / bastidor (m)

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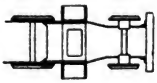
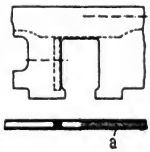
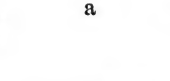
Innenrahmen (m) inside *or* inner frame châssis (m) intérieur		внутренняя рама (f) telaio (m) interno bastidor (m) interior	*1*
Außenrahmen (m) outside *or* outer frame châssis (m) extérieur		наружная рама (f) telaio (m) esterno bastidor (m) exterior	*2*
Mittelrahmen (m), Hilfsrahmen (m) middle frame, auxiliary frame châssis (m) auxiliaire *ou* intermédiaire	a	средняя *или* дополнительная рама (f) telaio (m) ausiliare *o* medio bastidor (m) auxiliar	*3*
eingezogener *oder* gekröpfter Rahmen (m) inswept frame châssis (m) à longerons coudés		составная *или* колѣнчатая рама (f) longherone (m) a gomito bastidor (m) de largueros acodillados	*4*
Plattenrahmen (m), Blechrahmen (m) plate frame châssis (m) en tôle		листовая рама (f); рама европейскаго типа longherone (m) bastidor (m) de chapa	*5*
Rahmenausschnitt (m) frame opening *or* hole échancrure (f) *ou* découpure (f) du châssis	a	вырѣзъ (m) въ рамѣ intaglio (m) del telaio recorte (m) del larguero	*6*
Rahmenplatte (f), Rahmenblech (n) frame plate tôle (f) de châssis		листъ (m) рамы lamiera (f) *o* piastra (f) da telaio chapa (f) para bastidor	*7*
Doppelrahmen (m) double frame, sandwich frame châssis (m) double		двойная рама (f) telaio (m) doppio, fiancata (f) bastidor (m) doble	*8*
Futtereisen (n), Futterstück (n) packing *or* filling plate fourrure (f) du longeron	a	желѣзная прокладка (f) ferro (m) di fodera *o* ripieno hierro (m) de revestimiento *ó* de henchimiento	*9*
Barrenrahmen (m) bar frame châssis (m) en barres		брусковая рама (f); рама изъ брусковаго желѣза; рама американскаго типа telaio (m) a sbarre bastidor (m) de barras	*10*
vereinigter Barren- und Plattenrahmen (m) combined bar and plate frame châssis (m) mixte en tôle et en barres		комбинированная брусковая и листовая рама (f) telaio (m) misto di sbarre e lamiere bastidor (m) combinado de barras y de placas	*11*

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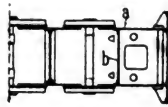
1 Kastenrahmen (m)
box pattern frame
châssis (m) en caisson

коробчатая рама (f)
telaio (m) a cassone
bastidor (m) en caja

2 Hauptrahmen (m)
main frame
longeron (m) principal



a

главная рама (f)
telaio (m) principale
larguero (m) principal

3 Rahmenverbindung (f), Querverbindung (f)
cross frame, crosstie (A), stretcher
entretoisement (m) des longerons, entretoise (f) transversale

b

междурамное скрѣпление (n)
unione (f) del telaio, collegamento (m) trasversale del longheroni
arriostrado (m) transversal

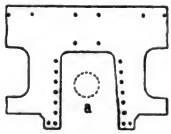
4 durchbrochener Querrahmen (m)
spectacle plate
entretoise (f) évidée *ou* à évidements

поперечная рама (f) съ вырѣзами
traversa (f) con escavazioni
traviesa (f) con aberturas

5 Sattelstück (n), Zylindersattel (m)
cylinder saddle
selle (f) de cylindre

сѣдло (n) цилиндра
sella (f) del cilindro
silla (f) del cilindro

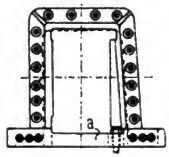
6 Achslagerausschnitt (m)
opening for axlebox guide *or* hornblock
échancrure (f) des plaques de garde, cage (f) de boîte à huile



a

буксовый вырѣзъ (m)
apertura (f) per i sopporti degli assi
recorte (m) para las resbaladeras de cajas

7 Achslagerrahmen (m), geschlossene Gleitbacke (f)
axle box guide, horn-block, pedestal frame (A)
plaque (f) de garde, glissière (f) de boîte à huile



буксовая рама (f); закрытыя *или* глухія буксовыя челюсти (f pl)
piastra (f) di guardia, parasala (m)
placa (f) de guarda, guía (f) resbaladera de caja

8 Achslagersteg (m), Achsgabelsteg (m), Unterzugeisen (n), Achsschlund (m)
axle guide stay, horn stay, clip for axlebox guide, pedestal brace (A)
entretoise (f) *ou* traverse (f) de cornes de plaque de garde

a

[под] буксовая струнка (f)
traversa (f) della piastra di guardia
ataguía (f) de las guías

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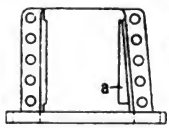
offene *oder* geteilte Gleitbacke (f)
independent *or* unconnected horn-cheeks *or* blocks
plaque (f) de garde sans traverse supérieure



открытыя буксовыя челюсти (f pl)
guancia (f) di contatto senza traversa superiore *1*
placa (f) de guarda sin traviesa superior

Achslagerkeil (m), Stellkeil (m)
axle box wedge
coin (m) de serrage des boites

a

клинъ (m) для установки буксы; установочный клинъ буксы
cuneo (m) del cuscinetto d'asse, cuneo (m) d'arresto *2*
cuña (f) de aprieto de las cajas

Versteifungsplatte (f)
stiffening plate
plaque (f) de consolidation *ou* de renforcement

крѣпляющая пластина (f)
piastra (f) di rinforzo *3*
placa (f) de refuerzo

Steifigkeit (f) des Rahmens
rigidity of the frame
rigidité (f) du châssis

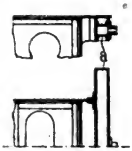
жёсткость (f) рамы
rigidità (f) del telaio *4*
rigidez (f) del bastidor

---

den Rahmen versteifen (v)
to stiffen *or* reinforce the frame
renforcer (v) le châssis, consolider (v) le châssis

придать рамѣ жёсткость
rinforzare (v) il telaio *5*
reforzar (v) el bastidor

Kopfstück (n), Stoßbalken (m), Pufferbohle (f)
buffer beam *or* plate
traverse (f) avant *ou* de tête



буферный брусъ (m)
traversa (f) frontale *o* di testa *6*
traviesa (f) frontal

a

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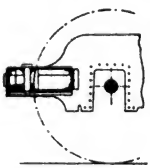
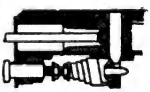
hinterer Zugkasten (m)
trailing box, hind drag box
coffre (m) de l'attelage, traverse (f) d'attelage d'arrière



задняя упряжная коробка (f); задній упряжной ящикъ (m)
cassa (f) di trazione posteriore *7*
caja (f) de enganche posterior

Kupplungsgehäuse (n)
draw bar *or* coupling box *or* casing
boite (f) d'attelage



кожухъ (m) *или* коробка (f) сцѣпного прибора; упряжной ящикъ (m)
cassa (f) d'accoppiamento *8*
caja (f) de enganche

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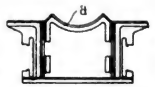
1 Stützung (f) des Kessels
boiler support
assiette (f) *ou* assise (f) de la chaudière

опора (f) [для] котла
sostegno (m) *o* sopporto (m) della caldaia
apoyo (m) de la caldera

2 Abheben (n) des Kessels
lifting the boiler
soulèvement (m) de la chaudière [sur le châssis]

подъёмка (f) котла съ рамы
sollevamento (m) della caldaia
levantamiento (m) de la caldera

3 Kesselträger (m)
waist plate, boiler support
support (m) de chaudière

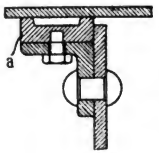


подбрюшникъ (m) котла
sopporto (m) della caldaia
soporte (m) de caldera

4 Auflagewinkel (m)
waist plate *or* support tee
cornière (f) d'appui

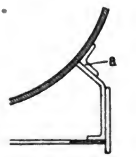
опорный уголокъ (m) *или* угольникъ (m)
angolo (m) *o* cantonale (m) d'appoggio
cantonera (f) de soporte

5 Kesselträgerfutter (n), Kesselgleitstück (n)
waist plate liner
cale (f) de support de chaudière



прокладка (f) котельнаго подбрюшника
guarnitura (f) dei sopporti della caldaia
suplemento (m) *ó* calce (m) del soporte de caldera

6 Stützwinkel (m)
supporting angle iron
cornière (f) *ou* équerre (f) de support

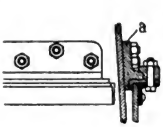


подпирающій уголокъ (m); опорный угольникъ (m)
cantonale (m) di sostegno
cantonera (f) de soporte

7 Feuerkastenträger (m), Stehkesselträger (m)
fire box support
repos (m) de la boîte à feu

карманъ (m) *или* опора (f) огневой коробки
sopporto (m) del focolare
soporte (m) del hogar

8 Gleitträger (m)
expansion bracket
repos (m) amovible



скользящій карманъ (m); скользящая опора (f)
sopporto (m) mobile
soporte (m) móvil *o* corredizo

9 Tragwinkel (m)
supporting angle iron
cornière (f) de support

a

опорный уголокъ (m) *или* угольникъ (m)
cantonale (m) di sopporto
hierro (m) de soporte

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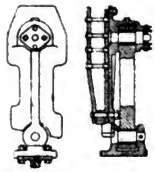
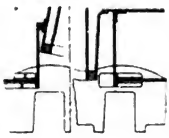
Pendelträger (m)
suspension *or* swing link carrier *or* support
support (m) pendulaire, bielle (f) de suspension [de boite à feu]



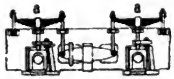
качающаяся *или* мантниковая опора (f)
sopporto (m) a pendolo
biella (f) de suspensión [de la caja de fuego] *1*

federnder Blechträger (m)
buckle plate support
tôle (f) flexible de support



пружинящая опора (f) *или* пружинящій карманъ (m) изъ листового желѣза
sopporto (m) elastico in lamiera
chapa (f) elástica de soporte *2*

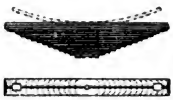
Tragfeder (f)
bearing *or* supporting spring
ressort (m) de suspension



a

подвѣсная рессора (f)
molla (f) portante
resorte (m) ó muelle (m) de suspensión *3*

Blattfeder (f)
plate *or* laminated spring
ressort (m) à lames *ou* à feuilles

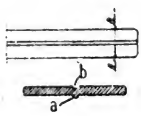


листовая рессора (f)
molla (f) a fogli
resorte (m) ó mûelle (m) de hojas *4*

doppelte Blattfeder (f)
double plate *or* laminated spring, elliptical spring
ressort (m) double à lames *ou* à pincettes

двойная листовая *или* эллиптическая рессора (f)
molla (f) a balestra doppia
resorte (m) ó muelle (m) doble de hojas ó en forma de tenaza *5*

Federblatt (n)
spring plate
lame (f) de ressort, feuille (f) de ressort



рессорный листъ (m)
lama (f) ó foglio (m) da molla
hoja (f) del muelle ó del resorte *6*

Federblattrippe (f)
rib of spring plate
nervure (f) de lame de ressort

a

горбикъ (m) рессорнаго листа
nervatura (f) di lama da molla
nerviación (f) de la hoja de muelle *7*

Falz (m), Nut (f)
groove
rainure (f), repli (m)

b

желобокъ (m)
piega (f), scanalatura (f) engargante (m) *8*

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1 gesprengte Feder (f)
semi-elliptical *or* cambered spring
ressort (m) cintré

выгнутая рессора (f)
molla (f) a balestra curvata
muelle (m) curvado

2 Krümmung (f) der Feder
curving *or* cambering of spring
cintrage (m) *ou* courbure (f) du ressort

выгибъ (m) рессоры; кривизна (f) рессоры
curvatura (f) della molla
curvadura (f) del muelle

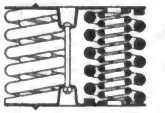
3 Pfeilhöhe (f) *oder* Sprengung (f) der Feder
camber of spring
flèche (f) du ressort

стрѣла (f) выгиба *или* прогиба рессоры
saetta (f) della molla
flecha (f) del muelle *ó* del resorte

4 doppelte Federkrümmung (f)
double camber of spring
double courbure (f) du ressort

двойной выгибъ (m) рессоры
curvatura (f) doppia della molla
curvadura (f) doble del muelle

5 schraubenförmige Tragfeder (f)
helical spring
ressort (m) hélicoïdal de suspension, ressort (m) de suspension à boudin

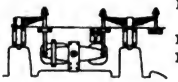


винтовая *или* спиральная рессора (f)
molla (m) di sospensione ad elica
resorte (m) *ó* muelle (m) de suspensión en espiral

6 Gummifeder (f), Kautschukfeder (f)
india rubber spring
ressort (m) en caoutchouc

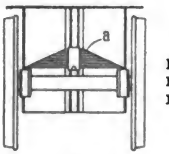
резиновая *или* каучуковая рессора (f)
molla (f) di gomma
resorte (m) *ó* muelle (m) de caucho

7 Längsfeder (f)
longitudinal spring
ressort (m) longitudinal



продольная *или* долевая рессора (f)
molla (m) longitudinale
resorte (m) *ó* muelle (m) longitudinal

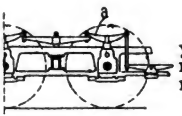
8 Querfeder (f)
transverse spring
ressort (m) transversal



a

поперечная рессора (f)
molla (f) trasversale
resorte (m) *ó* muelle (m) transversal

9 Stützfeder (f)
bearing *or* overhung *or* supporting spring
ressort (m) au dessus de la boîte



a

упорная рессора (f)
molla (f) di sostegno
resorte (m) encima de la caja

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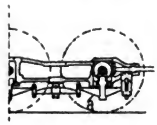
Hängefeder (f)
underhung *or* suspended spring
ressort (m) sous la boîte

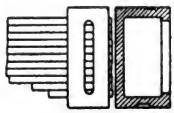


a

подвѣсная рессора (f)
molla (f) di sospensione
resorte (m) bajo la caja

1

Federbund (m), Federkasten (m)
spring band *or* buckle
bride (f) de ressort



хомутъ (m) рессоры
staffa (f) della molla
brida (f) del muelle *ó* resorte

2

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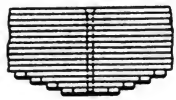
durchgehendes Niet (n)
through rivet
rivet (m) d'assemblage



сквозная заклёпка (f)
chiodo (m) passante
remache (m) que pasa á través del muelle *ó* resorte

3

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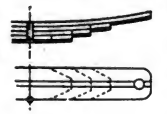
halb eingreifendes Niet (n)
half-sunk rivet at side
rivet (m) traversant à demi



заклёпка (f), входящая на половину
chiodo (m) metà passante
remáche (m) atravesando por la mitad

4

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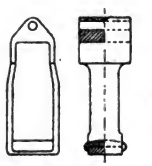
innere Reibung (f) der Federblätter
internal friction of spring plates
frottement (m) intérieur des lames de ressort

внутреннее треніе (n) рессорныхъ листовъ
attrito (m) interno tra le lame della molla
rozamiento (m) interior de las láminas del muelle *ó* resorte

5

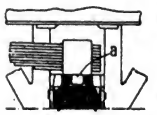
Federbundstütze (f), Federstütze (f), Federstuhl (m)
spring hanger
bride (f) de ressort, chape (f) de ressort



рессорная упорка (f); рессорный нажимной стержень (m); рессорная стойка (f)
sopporte (m) della molla
brida (f) de muelle *ó* resorte

6

Federbundzapfen (m)
bearing *or* nipple of spring buckle
téton (m) de chape *ou* bride de ressort

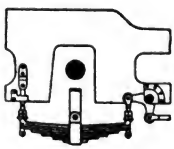


a

цапфа (f) рессорнаго хомута
perno (m) della staffa della molla
perno (m) de la brida del muelle *ó* del resorte

7

Aufhängung (f) der Feder
suspension of the spring
attache (m) du ressort



подвѣшеніе (n) рессоры
sospensione (f) della molla
suspensión (f) del muelle *ó* del resorte

8

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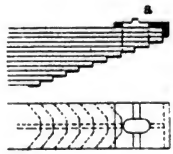
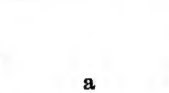
1 Langloch (n)
oblong hole *or* slot
œil (m) ovalisé



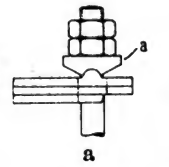
продолговатая дыра (f); овальное отверстіе (n)
foro (m) oblungo
ojo (m) oval

2 Federschuh (m)
spring extremity shoe *or* piece
équerre (f) de retenue des lames



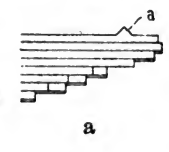
рессорный наконечникъ (m); концевая накладка (f) рессоры
scarpa (f) *o* squadra (f) a molla di ritenuta
cantonera (f) de sujeción de las hojas

3 Federwiege (f)
spring hanger *or* cradle
nervure (f) sur laquelle oscille la colonne du ressort



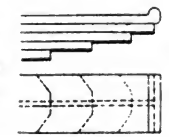
упорная призма (f) *или* упорный ножъ (m) рессорной подвѣски
bilanciere (m) a molla
nervio (m) sobre el cual oscila el tensor del resorte

4 Federwulst (f), wulstförmiges Federende (n)
ridged *or* raised end
nervure (f) à l'extrémité de la lame



выступъ (m) *или* пуговка (f) рессоры
nasello (m) *o* dente (m) della molla
nerviación (f) de la extremidad del muelle *ó* del resorte

5 gestauchtes Federende (n)
jumped *or* upset spring plate end
extrémité (f) de ressort repliée *ou* roulée



обсаженный конецъ (m) рессоры
estremità (f) di molla ripiegata *o* rincalcata
extremidad (f) plegada del muelle *ó* del resorte

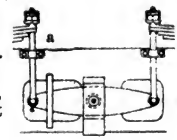
6 gerolltes Federauge (n)
curled over *or* rolled spring eye
douille (f) enroulée de ressort

загнутое ушко (n) рессоры
occhiello (m) di molla
oreja (f) del muelle

7 geschmiedetes Federauge (n)
forged spring eye
douille (f) forgée de ressort

откованное ушко (n) рессоры
occhiello (m) fucinato della molla
oreja (f) de muelle *ó* de resorte forjada

8 Federgehänge (n)
spring rigging *or* suspension gear
suspension (f) du ressort, monture (f) du ressort



рессорная подвѣска (f)
aste (f pl) *o* tiranti (m pl) sospensione della di molla
suspensión (f) del muelle *ó* del resorte

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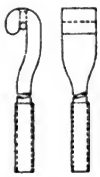
Federstützenführung (f)
spring hanger guide
guide (f) de la colonne de ressort

a

направляющая планка (f) для рессорнаго упорнаго *или* нажимного стержня
spina (f) di guida del tubo a molla
guia (f) del tensor del resorte

1

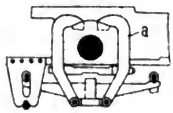
Federhängebolzen (m), Federspannschraube (f)
adjusting spring link *or* hanger
tige (f) *ou* colonne (f) de suspension de ressort, chandelle (f) de suspension



рессорный подвѣсный болтъ (m)
tirante (m) di sospensione, pendino (m) a vite
tija (f) de suspensión del muelle *ó* del resorte

2

Hängeeisen (n), Hängestange (f)
spring hanger
tige (f) de suspension



a

подвѣсная тяга (f)
asta (f) di sospensione
tija (f) de suspensión

3

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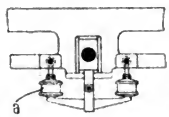
federnder Gummiring (m)
spring ring *or* pad
bague (f) élastique en caoutchouc



a

пружинящее *или* упругое резиновое кольцо (n)
anello (m) elastico
anillo (m) elástico de caucho

4

Federspannung (f)
spring tension
tension (f) de ressort

натяженіе (n) рессоръ
tensione (f) della molla
tensión (f) del muelle *ó* resorte

5

---

die Federn nachspannen (v) *oder* anziehen (v)
to re-set *or* restore *or* re-stretch the springs
retendre (v) *ou* bander (v) les ressorts

подтянуть рессоры
ritendere (v) *o* ricaricare (v) la molla
tesar (v) de nuevo el muelle *ó* resorte

6

Nachstellung (f) der Feder
adjustment of springs
réglage (m) du ressort

регулировка (f) рессоры
regolazione (f) della molla
regulación (f) del muelle *ó* resorte

7

Einsenkung (f) der Feder, Durchbiegung (f) der Feder
deflection of spring
flexion (f) du ressort

прогибъ (m) рессоры
flessione (f) della molla
flecha (f) *ó* flexión (f) del muelle *ó* resorte

8

Nachgiebigkeit (f) der Feder
flexibility of spring
flexibilité (f) du ressort

упругость (f) рессоры
flessibilità (f) della molla
flexibilidad (f) del muelle *ó* resorte

9

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1 weiche Feder (f)
weak spring
ressort (m) doux

мягкая рессора (f)
molla (f) dolce
muelle (m) blando ó flexible

2 starre Feder (f)
rigid *or* hard spring
ressort (m) dur

жёсткая рессора (f)
molla (f) rigida
resorte (m) ó muelle (m) rígido

3 Federspiel (n), Schwingung (f) der Feder
range *or* play of spring
jeu (m) du ressort, oscillation (f) du ressort

игра (f) *или* колебаніе (n) рессоръ
giuoco (m) *od* oscillazione (f) della molla
oscilación (f) del muelle ó del resorte

4 die Federn setzen sich
the springs settle down
les ressorts s'aplatissent

рессоры (f pl) садятся
le molle si assettano
los muelles se comprimen

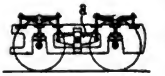
5 ein Fahrzeug abfedern (v)
to mount a vehicle on springs
monter (v) *ou* suspendre (v) un véhicule sur ressorts

подвѣсить экипажъ на рессорахъ
montare (v) *o* sospendere (v) un veicolo su molle
montar (v) un vehículo sobre muelles ó resortes

6 Ausgleichhebel (m), [Balancier (m)]
equalizer, compensating *or* balance beam
balancier (m) compensateur

балансиръ (m); коромысло (n)
bilanciere (m) compensatore
palanca (f) de compensación, balancín (m)

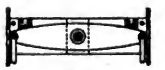
7 Längshebel (m), [Längsbalancier (m)]
longitudinal equalizer *or* compensator
balancier (m) de suspension longitudinal



a

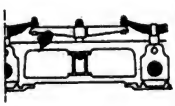
продольный балансиръ (m)
bilanciere (m) longitudinale
balancín (m) longitudinal

8 Querhebel (m), [Querbalancier (m)]
transverse equalizer *or* compensator
balancier (m) transversal



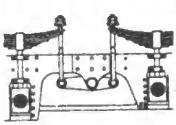
поперечный балансиръ (m)
bilanciere (m) trasversale
balancín (m) transversal

9 gleicharmiger Ausgleichhebel (m)
equalizer with equal arms
balancier (m) à bras égaux



равноплечій балансиръ (m)
bilanciere (m) compensatore a bracci uguali
balancín (m) de brazos iguales

10 ungleicharmiger Ausgleichhebel (m)
equalizer with unequal arms
balancier (m) à bras inégaux



неравноплечій балансиръ (m)
bilanciere (m) compensatore a bracci disuguali
balancín (m) de brazos desiguales

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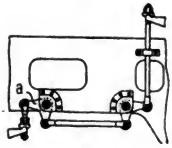
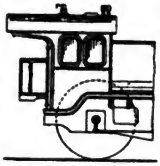
Ausgleichwinkelhebel (m)
bell crank equalizer
levier (m) compensateur d'équerre



колѣнчатый балан сиръ (m)
leva (f) compensatrice a squadra
palanca (f) angular de compensación 7

a

Führerstand(m), Führerhaus (n)
driver's cab
cabine (f) *ou* abri (m) *ou* guérite (f) du mécanicien, poste (m) du mécanicien



будка (f) машиниста
cabina (f) del macchinista, paravento (m)
plataforma (f) del maquinista, garita (f) del maquinista 9

Führerhauswand (f)
cab wall
paroi (f) de la cabine du mécanicien

стѣнка (f) будки
parete (f) della cabina del macchinista
pared (f) de la plataforma *ó* de la garita 3

Führerhausvorderwand (f)
cab front
paroi (f) antérieure *ou* face (f) de la cabine

передняя стѣнка (f) будки
parete (f) anteriore della cabina del macchinista
pared (f) anterior de la garita 4

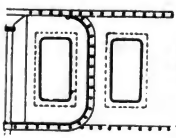
Führerhausseitenwand (f)
cab side
paroi (f) latérale *ou* côté (m) de la cabine

боковая стѣнка (f) будки
parete (f) laterale della cabina
pared (f) lateral de la garita 5

Führerhausrückwand (f)
back of cab
paroi (f) postérieure *ou* face (f) arrière de la cabine

задняя стѣнка (f) будки
parete (f) posteriore della cabina
pared (f) posterior de la garita 6

Schiebefenster (n)
sliding window
fenêtre (f) coulissante *ou* à coulisses



задвижное окно (n)
finestrella (f) scorrevole
ventana (f) corrediza 7

Klappfenster (n), aufklappbares Fenster (n)
hinged window
fenêtre (f) à rabattement

откидное окно (n)
finestrella (f) a cerniera
postigo (m) de ventana 8

Drehfenster (n)
revolving window
lunette (f) pivotante

поворотное *или* вращающееся окно (n)
finestrella (f) girevole
ventana (f) giratoria 9

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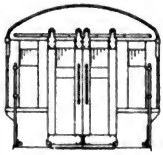
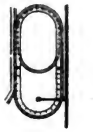
1 hintere Führerstandtür (f)
cab back door
porte (f) postérieure *ou* arrière de la cabine du machiniste



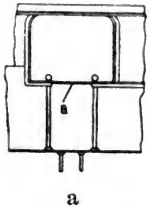
задния дверцы (f pl) будки
porta (f) posteriore della cabina del macchinista
puerta (f) posterior de la garita

2 vordere Führerstandtür (f)
cab front door
porte (f) de paroi avant de la cabine



передняя дверца (f) будки
porta (f) del macchinista nella parete anteriore
puerta (f) de la pared anterior de la garita

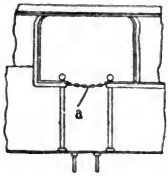
3 Vorlegestange (f)
gangway rail
barre (f) garde-corps



поручень (m)
sbarra (f) del parapetto
barra (f) guarda-cuerpo

a

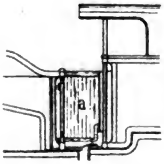
4 Abschlußkette (f)
gangway chain
chaîne (f) garde-corps



предохранительная цѣпочка (f)
catena (f) del parapetto *o* di chiusura
cadena (f) guarda-cuerpo

a

5 Seitentür (f), Galerietür (f), Tendertür (f)
side door
porte (f) latérale, portillon (m)



боковая дверца (f)
porta (f) laterale
puerta (f) lateral

a

6 Führerstanddach (n)
cab roof
toit (m) de la cabine du mécanicien

крыша (f) будки
tetto (m) della cabina del macchinista
techo (m) de la plataforma

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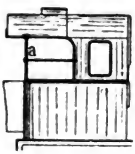
Dachrahmen (m)
roof frame
châssis (m) du toit

рама (f) крыши
telaio (m) del tetto
marco (m) del techo

1

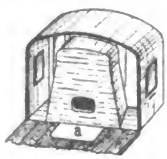
Dachstütze (f), Führerhaussäule (f)
roof support
colonne (f) d'abri, colonne (f) du toit de la cabine



колонка (f) будки
sopporto (m) del tetto
soporte (m) del techo de la garita

2

Brandblech (n)
cinder sheet, fire-plate
écran (m) en tôle, tôle (f) garde-feu



огневой листъ (m); предохранительный листъ (m)
lamiera (f) para-fuoco
placa (f) guarda-fuego

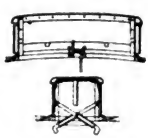
3

Lüftungsklappe (f)
ventilation flap
régistre (m) d'aérage *ou* de ventilation, vasistas (m)

вентиляціонная отдушина (f); окно (n) отдушины
portella (f) di ventilazione
abertura (f) de ventilación

4

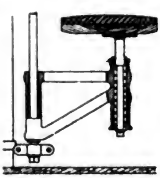
zweiseitige Lüftungsklappe (f)
double ventilation flap
régistre (m) *ou* vasistas (m) de ventilation double



двусторонняя вентиляціонная отдушина (f); [фиг.:] вентиляціонный фонарь (m)
portella (f) di ventilazione bilaterale
abertura (f) de ventilación bilateral

5

Führersitz (m)
driver's seat
siège (m) du mécanicien



сидѣніе (n) для машиниста
sedile (m) del macchinista
silla (f) del maquinista

6

gefederter Reitsitz (m)
spring seat
siège (m) à ressort[s]

сидѣнье (n) на пружинахъ
sedile (f) a sella con molle
asiento (m) con muelles

7

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1 umlegbarer Führersitz (m), Klappsitz (m)
hinged *or* folding seat
siège (m) à rabattement

откидное сидѣніе (n) для машиниста
sedile (m) a cerniera
asiento (m) de charnela

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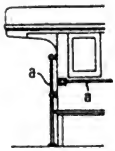
2 Handleiste (f), Griffstange (f), Geländerstange (f)
hand rail
main (f) courante



a

поручни (n pl) *или* перила (m pl) вокругъ паровоза
passamano (m) *o* mancorrente (m) della galleria
pasamanos (m)

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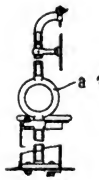
3 Ringgriff (m)
annular hand hold
poignée (f) annulaire

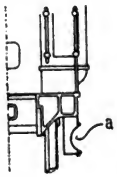


a

кольцевой поручень (m); кольцевая рукоятка (f)
impugnatura (f) annulare
mango (m) anular

---

4 Trittblech (n), Trittstufe (f)
engine step, cab step
marchepied (m), gradin (m)



a

ступенька (f); подножка (f)
gradino (m), scalino (m)
estribo (m)

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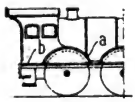
5 Radkasten (m), Radverkleidung (f)
wheel cover, wheel casing, splasher
couvre-roue (m)



a

кожухъ (m) колеса
parafango (m), copriruota (m)
guardaruedas (m), guardapolvos (m)

---

6 Gangblech (n), Laufblech (n), Laufgalerie (f), Umlauf (m)
foot plate, runboard, running board *or* plate
trottoir (m), tablier (m)

b

обходная *или* смотровая площадка (f) [вокругъ] паровоза
praticabile (m)
tablero (m), pasadizo (m)

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Gangblechträger (m), Rahmenkonsole (f)
running board support *or* bracket
support (m) de tablier

a

кронштейнъ (m) [обходной] площадки
sopporto (m) del praticabile
soporte (m) del tablero

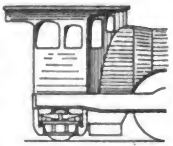
1

Gangblechwinkel (m)
running board angle
cornière (f) de tablier

угольникъ (m) [обходной] площадки
cantonale (f) del praticabile
hierro (m) angular del tablero

2

Führerstand (m) mit Windschneide
cab with wind cutter *or* screen
cabine (f) de mécanicien avec coupe-vent



будка (f) съ вѣтрорѣзомъ
cabina (f) del macchinista con tagliavento
garita (m) con cortaviento

3

Führerstand (m) am Langkessel
cab on boiler barrel
cabine (f) de mécanicien placée le long du corps cylindrique

будка (f) у цилиндрической части котла
cabina (f) del macchinista sulla caldaia cilindrica
garita (f) á la caldera cilíndrica

4

Sandstreuvorrichtung (f)
sand spraying device, sanding gear
sablière (f), éjecteur (m) à sable

песочница (f)
insabbiatore (m), gettasabbia (m)
arenero (m)

5

Sand geben (v), Sand streuen (v), sanden (v)
to spray sand, to sand
sabler (v), répandre (v) du sable

подсыпать (n) песокъ
insabbiare (v), versare (v) sabbia, dare (v) la sabbia
proyectar (v) arena

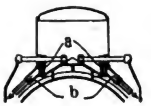
6

Sandstreudüse (f)
sand blowing nozzle
tuyère (f) de sablage, tuyère (f) de projection de sable

песочное сопло (n); песочный конусъ (m)
ugello (m) getta sabbia
tobera (f) para esparcir arena

7

Sandkasten (m)
sand box
boîte (f) à sable



песочница (f); песочный ящикъ (m)
sabbiera (f)
caja (f) de arena

8

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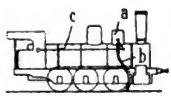
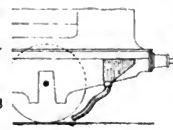
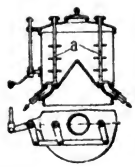
	Sandschieber (m), Sandzunge (f)		золотникъ (m) песочницы
1	sand valve tiroir (m) de distribution du sable	a	cassetto (m) a sabbia, valvola (f) della sabbia valvula (f) de arena
	Sandausfluß (m), Ausflußstutzen (m)		патрубокъ (m) для высыпанія песка
2	sand outlet, flow of sand tubulure (f) d'écoulement de sable	b	tubo (m) di deflusso *o* scarico della sabbia salida (f) de la arena
	auf dem Kessel gelagerter Sandkasten (m)		песочница (f), расположенная на котлѣ
3	sand box fixed on boiler boîte (f) à sable montée sur la chaudière	a	sabbiera (f) montata sulla caldaia caja (f) de arena montada sobre la caldera
	Sandrohr (n)		труба (f) песочницы
4	sand pipe tuyau (m) de descente du sable	b	tubo (m) della sabbia tubo (m) de arena
	Sandkastenzug (m)		тяга (f) песочницы
5	sand box rod tringle (f) de manœuvre du sablier	c	tirante (m) di manovra dell'insabbiatore tirante (m) de maniobra del arenero
	unter dem Gangblech gelagerter Sandkasten (m)		песочница (f) подъ [обходной] площадкой
6	sand box fixed underneath the running board sablière (f) logée sous le tablier		sabbiera (f) posta sotto il praticabile caja (f) de arena montada debajo del tablero
	auf dem Radkasten gelagerter Sandkasten (m)		песочница (f), расположенная на кожухѣ колеса
7	sand box fixed on wheel cover *or* splasher sablière (f) placée sur le couvre-roue		sabbiera (f) posta sul parafango *o* copriruota caja (f) de arena montada sobre el guardaruedas
	den Sand aufwühlen (v) *oder* aufrütteln (v)		встряхивать *или* ворошить песокъ
8	to stir up the sand secouer (v) *ou* agiter (v) *ou* remuer (v) le sable		scuotere (v) *o* rimuovere (v) la sabbia sacudir (v) la arena
	Rührdorn (m)		ворошилка (f)
9	sand stirrer agitateur (m)	a	agitatore (m), frullo (m) agitador (m)

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Förderschnecke (f)
conveying screw
distributeur (m) en hélice

червякъ (m) для подачи
vite (f) a chiocciola trasportatrice
distribuidor (m) en helice

1

Dampfsandstreuer (m)
steam sanding device
sablier (m) à vapeur

паровая песочница (f)
lanciasabbia (m) a vapore, insabbiatore (m) a vapore
arenero (m) de vapor

2

Sandtreppe (f)
sand box step
barrage (m) du distributeur

песочныя ступеньки (f pl)
scala (f) della sabbia
escalonado (m) de distribuidor

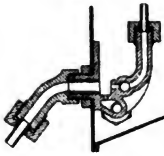
3

Dampfbläser (m)
steam sand blower *or* ejector
éjecteur (m) a vapeur

паровой песочный эжекторъ (m)
soffiatore (m) a vapore
soplador (m) de vapor

4

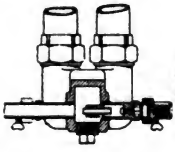
Luftsandstreuer (m)
air sand blower
sablier (m) pneumatique *ou* à air comprimé



пневматическая песочница (f)
sabbiera (f) ad aria compressa
arenero (m) neumático

5

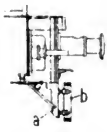
Doppelsandstreuer (m)
double sander
sablier (m) double



двойная песочница (f)
sabbiera (f) doppia
arenero (m) doble

6

Bahnräumer (m)
life guard, rail guard
chasse-pierre (m)



a

[на]метельникъ (m)
cacciapietre (m)
quita-piedras (m)

7

Besen (m)
brush
balai (m)

метла (f)
spazzola (f)
escoba (f)

8

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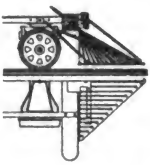
Besenhalter (m)
brush-holder
porte-balai (m)

b

хомутъ (m) [на]метельника
porta-spazzola (m)
porta-escoba (f)

Kuhfänger (m), Gitterräumer (m), Vorläufer (m)
2 cow-catcher, pilot (A)
chasse-bestiaux (m) à grille



каукэчеръ (m); приборъ(m) для отбрасыванія попадающихся на пути животныхъ; передовой щитъ (m); предохранительная рѣшётка (f)
cacciapietre (m) *o* spazzastrada (m) a griglia, cacciabuoi (m)
limpa-vía (m) de rejilla, rastrillo (m), merinaque (m) (Argentina), trompa (f) (Chile)

Bahnnummertafel (f)
3 number plate
plaque (f) portant le numéro

нумерная доска (f) паровоза
tavola (f) indicatrice del numero
placa (f) indicadora del número

Gattungsschild (n)
4 type *or* class plate
écusson (m) indiquant le type

доска (f) съ обозначеніемъ серіи паровоза
scudo (m) indicatore del tipo
placa (f) indicadora del tipo

Namenschild (n)
5 name plate
écusson (m) *ou* plaque (f) portant le nom

доска (f) съ названіемъ паровоза
scudo (m) indicante il nome
placa (f) ó chapa (f) indicadora del nombre

Triebwerk, Gangwerk
Driving Gear *or*
6 **Motion *or* Mechanism**
Mécanisme *ou* appareil moteur, mouvement

Движущій механизмъ
Meccanismo *o* apparecchio motore
Mecanismo motor

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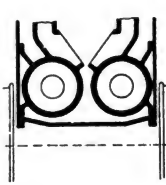
1. Triebwerkanordnung
Arrangement of Driving
7 **Gear**
Disposition du mécanisme moteur

Расположеніе движущаго механизма
Disposizione del meccanismo motore
Disposición del mecanismo motor



Innenzylinder (m)
8 inside cylinder
cylindre (m) intérieur

внутренній цилиндръ (m)
cilindro (m) interno
cilindro (m) interior

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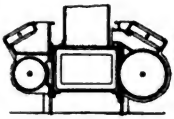
Außenzylinder (m)
outside cylinder
cylindre (m) extérieur



внѣшній цилиндръ (m)
cilindro (m) esterno
cilindro (m) exterior

1

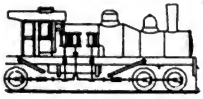
---

zwei- (drei-, vier-) zylindrige Lokomotive (f)
two (three, four) cylinder locomotive
locomotive (f) à deux (trois, quatre) cylindres

паровозъ (m) съ двумя [тремя, четырьмя] паровыми цилиндрами
locomotiva (f) a due (tre, quattro) cilindri
locomotora (f) de dos (tres, cuatro) cilindros

2

Lokomotive (f) mit stehenden Dampfzylindern
locomotive with vertical cylinders
locomotive (f) à cylindres verticaux



паровозъ (m) съ вертикальными паровыми цилиндрами
locomotiva (f) con cilindri verticali
locomotora (f) de cilindros verticales

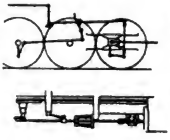
3

Innensteuerung (f), innenliegende Steuerung (f)
inside valve gear
distribution (f) intérieure

внутреннее парораспредѣленіе (n); внутри лежащее парораспредѣленіе
distribuzione (f) interna
distribución (f) interior

4

Außensteuerung (f), außenliegende Steuerung (f)
outside valve gear
distribution (f) extérieure



наружное парораспредѣленіе (n); наружу лежащее парораспредѣленіе
distribuzione (f) esterna
distribución (f) exterior

5

Innensteuerung (f) mit Außenschieber
inside valve gear with outside valve
distribution (f) intérieure à tiroir extérieur

внутреннее парораспредѣленіе (n) съ наружнымъ золотникомъ
distribuzione (f) interna a cassetto esterno
distribución (f) interior con distribuidor *ó* caja exterior

6

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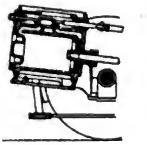
geneigte Zylinderlage (f)
inclined position of cylinder
position (f) inclinée du cylindre



наклонное положеніе (n) цилиндра
posizione (f) inclinata del cilindro
posición (f) inclinada del cilindro

7

Kupplung (f) der Achsen
coupling of axles
accouplement (m) *ou* couplage (m) des essieux

спариваніе (n) осей
accoppiamento (m) degli assi *o* delle sale
acoplamiento (m) de los ejes

8

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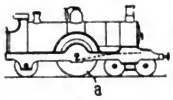
1

freie Triebachse (f)
free *or* single driving axle
essieu (m) moteur libre

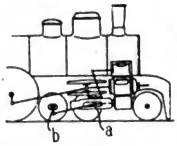


a

свободная движущая ось (f)
asse (m) motore libero
eje (m) motor libre

2

Hilfstriebwerk (n)
auxiliary driving gear *or* mechanism
mécanisme (m) moteur auxiliaire *ou* de secours



a

вспомогательный движущій механизмъ (m)
meccanismo (m) motore ausiliare
mecanismo (m) motor auxiliar

3

Vorspannachse (f), Hilfstriebachse (f)
auxiliary driving axle
essieu (m) moteur auxiliaire *ou* de secours

b

вспомогательная движущая ось (f)
asse (m) motore ausiliare
eje (m) motor auxiliar

4

geteiltes Triebwerk (n)
divided driving gear, articulated driving mechanism
mécanisme (m) moteur divisé

раздѣлённый движущій механизмъ (m)
meccanismo (m) motore diviso
mecanismo (m) motor dividido

5

Triebgestell (n), Dampfdrehgestell (n)
motor bogie *or* truck
châssis (m) *ou* train (m) moteur

a

паровая телѣжка (f)
telaio (m) [porta-] motore regolabile
bastidor (m) con mecanismo motor

6

in Krümmungen einstellbares Triebwerk (n)
flexible driving gear *or* mechanism
mécanisme (m) moteur avec disposition pour inscription dans les courbes

движущій механизмъ (m), устанавливающійся на закругленіяхъ
meccanismo (m) motore regolabile nelle curve
mecanismo (m) motor que se inscribe en curva

7

festes Triebgestell (n)
fixed motor bogie *or* truck (A)
châssis (m) *ou* train (m) moteur rigide

неподвижная телѣжка (f)
telaio (m) motore rigido
bastidor (m) fijo del mecanismo motor

8

bewegliches Triebgestell (n)
movable motor bogie *or* truck (A)
châssis (m) *ou* train (m) moteur mobile *ou* articulé

подвижная телѣжка (f)
telaio (m) motore mobile
bastidor (m) móvil *ó* articulado del mecanismo motor

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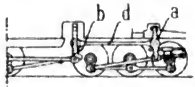
Parallelhebelverbindung (f) (nach Hagans)
parallel-lever connection (Hagans)
accouplement (m) au moyen de leviers parallèles (de Hagans)



соединение (n) посредствомъ параллельныхъ рычаговъ (по системѣ Хагана)
collegamento (m) a leve parallele
acoplamiento (m) por palancas paralelas (de Hagans)

1

Triebhebel (m)
driving lever
levier (m) de commande

a, b

передній ведущій рычагъ (m)
leva (f) motrice
palanca (f) motriz

2

Lenkerstange (f)
connecting *or* coupling rod
bielle (f) de connexion

d

направляющая (f)
biella-guida (f)
biela (f) de conexión

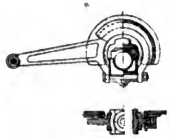
3

einstellbare Kuppelachse (f), Klien-Lindnersche Achse (f)
adjustable coupled axle
essieu (m) accouplé articulé (de Klien-Lindner)

устанавливающаяся спаренная ось (f); [ось Клиенъ-Линднера]
asse (m) d'accoppiamento regolabile
eje (m) acoplado articulado (de Klien-Lindner)

4

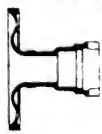
einstellbare Triebachslagergabel (f)
adjustable driving axle box horns
guide (f) *ou* bride (f) de boîte à huile pour essieu articulé



устанавливающаяся вилка (f) подшипника ведущей оси
piastra (f) di guardia regolabile dell' asse motore
guía (f) de caja para eje articulado

5

Hohlradsatz (m)
hollow wheel boss
train (m) de roues avec essieu creux divisé



полое тѣло (n) колеса
paio (m) di ruote cave, asse (m) montato cavo
tren (m) de ruedas con eje hueco en dos piezas

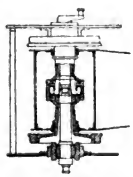
6

Kernachse (f)
core *or* internal axle
essieu (m) (plein)

внутренняя ось (f)
asse (m) nucleo
eje (m) (macizo)

7

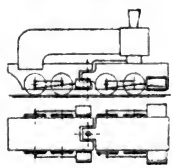
zweiteilige Kernachse (f)
core axle in two parts
essieu (m) à noyau en deux parties



внутренняя ось (f), состоящая изъ двухъ частей
asse (m) a nocciolo in due parti
árbol (m) de núcleo en dos piezas, eje (m) en dos piezas

8

Doppeltriebgestell (n)
double motor truck *or* bogie
châssis (m) moteur double, double train (m) moteur



двойная телѣжка (f)
telaio (m) motore doppio
bastidor (m) con motor doble

9

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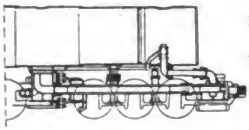
1 gelenkige Dampfleitung (f)
flexible steam pipe
conduite (f) de vapeur articulée

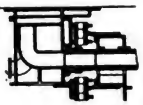


гибкій суставчатый паропроводъ (m)
condotta (f) di vapore articolata
tubo (m) de vapor articulado

2 Rohrgelenk (n)
flexible pipe union *or* coupling
genouillère (f), articulation (f) de tuyau

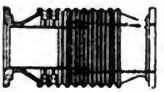
гибкое сочлененіе (n) трубъ
snodo (m) *od* articolazione (f) del tubo
articulación (f) ó codo (m) del tubo

3 drehbares Verbinderrohr (n)
flexible connecting pipe
raccord (m) de tuyau rotatif



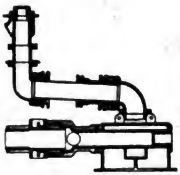
поворотная соединительная труба (f); поворотный ресиверъ (m); поворотный отводъ (m)
tubo (m) di raccordo girevole
tubo (m) de unión giratorio

4 elastisches Verbinderrohr (n), Elastikrohr (n)
flexible receiver pipe
tuyau (m) flexible de raccord



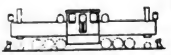
эластичная соединительная труба (f); упругая труба для соединенія
tubo (m) elastico di raccordo, tubo (m) flessibile
tubo (m) de unión flexible

5 gelenkiges Ausströmrohr (n)
flexible exhaust pipe
tuyau (m) d'échappement articulé



гибкая суставчатая выпускная труба (f)
tubo (m) di scappamento articolato
tubo (m) de escape articulado

6 Doppellokomotive (f) mit gemeinsamem Feuerungsraum
double locomotive with common firebox
locomotive (f) jumelle *ou* double avec boite à feu commune

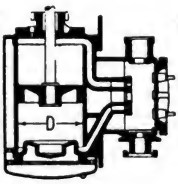


двойной паровозъ (m) съ общей будкой машиниста
locomotiva (f) gemella con camera del fuoco comune
locomotora (f) gemela con caja de fuego común

2. Triebwerkteile
Parts of Driving Gear
7 **Organes du mécanisme moteur**

Части движущаго механизма
Organi del meccanismo motore
Órganos del mecanismo motor

8 Zylinder (m), Dampfzylinder (m)
cylinder, steam cylinder
cylindre (m) à vapeur



цилиндръ (m); паровой цилиндръ
cilindro (m) a vapore
cilindro (m) [de vapor]

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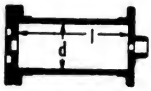
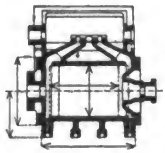
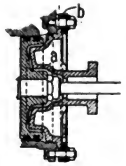
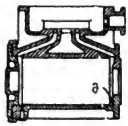
Zylinderdurchmesser (m), Zylinderbohrung (f) diameter *or* bore of cylinder diamètre (m) du cylindre, alésage (m) du cylindre	D		[внутренній] діаметръ (m) цилиндра diametro (m) del cilindro diámetro (m) del cilindro	1
Zylinderquerschnitt (m) crosssectional area of cylinder section (f) [transversale] du cylindre	$\frac{\pi D^2}{4}$		площадь (f) [поперечнаго] сѣченія sezione (f) del cilindro sección (f) del cilindro	2
Zylinderinhalt (m) cylinder volume *or* capacity capacité (f) du cylindre, volume (m) du cylindre	$\frac{\pi d^2}{4} l$		объёмъ (m) цилиндра capacità (f) *o* volume (m) del cilindro capacidad (f) *ó* volumen (m) del cilindro	3
Zylinderabmessungen (f pl) cylinder dimensions (pl) dimensions (f pl) du cylindre			размѣры (m pl) цилиндра dimensioni (f pl) del cilindro dimensiones (f pl) del cilindro	4
Zylinderdeckel (m) front cylinder cover *or* head (A) plateau (m) *ou* couvercle (m) de cylindre, fond (m) d'arrière		 a	крышка (f) цилиндра coperchio (m) del cilindro tapa (f) del cilindro, fondo (m) atrás	5
Deckelring (m) cylinder cover-ring bague (f) de couvre-joint du couvercle	b		кольцо (n) крышки anello (m) di coperchio anillo (m) de cubrejunta de la tapa	6
hohl gegossener Deckel (m), Kastendeckel (m) hollow cast cover fond (m) creux en fonte			полая *или* пустотѣлая литая крышка (f) coperchio (m) fuso cavo tapa (f) de fundición hueca	7
den Deckel aufschleifen (v) to grind on the cover roder (v) le fond [sur son siége]			притереть крышку levigare (v) il coperchio sulla sua sede esmerilar (v) la tapa [sobre su asiento]	8
Zylinderboden (m) cylinder back end, back cylinder head (A), back cylinder cover fond (m) du cylindre		 a	днище (n) цилиндра fondo (m) del cilindro fondo (m) del cilindro	9

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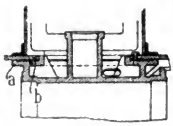
1 den Zylinder ausbohren (v)
to bore out the cylinder
aléser (v) le cylindre
расточить *или* разсверлить цилиндръ
alesare (v) *o* mandrinare (v) il cilindro
mandrilar (v) el cilindro

2 den Zylinder nachbohren (v)
to re-bore the cylinder
réaléser (v) le cylindre
подточить цилиндръ
alesare (v) il cilindro
remandrilar (v) el cilindro

3 Zylindermetall (n)
cylinder metal
fonte (f) spéciale pour cylindres
металлъ (m) для цилиндровъ
metallo (m) del cilindro
metal (m) *ó* fundición (f) especial para cilindro



a

4 Befestigungsflansch (m)
supporting frame flange
bride (f) de fixation
соединительный фланецъ (m); фланецъ для прикрѣпленія
flangia (f) d'unione *o* d'attacco
brida (f) de fijación

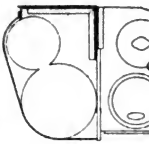
b

5 Paßstück (n)
fitting piece
cale (f) d'ajustage
пригоночный клинъ (m)
pezzo (m) d'aggiustaggio
pieza (f) *ó* cala (f) de ajuste

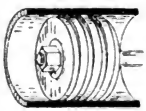
6 Längsverschiebung (f) des Zylinders
longitudinal displacement of cylinder
déplacement (m) longitudinal du cylindre
продольный сдвигъ (m) *или* продольное перемѣщеніе (n) цилиндра
spostamento (m) longitudinale del cilindro
desplazamiento (m) longitudinal del cilindro

7 Zylindergußstück (n) mit halbem Quersattel
cylinder casting with half of saddle
cylindre (m) fondu avec une demie selle transversale
отливка (f) цилиндра съ половиннымъ *или* съ половинчатымъ поперечнымъ сѣдломъ
pezzo (m) fuso del cilindro con mezza sella trasversale
cilindro (m) fundido con media silla transversal

8 Zylinderbekleidung (f), Zylinderverschalung (f)
lagging *or* clothing sheet
enveloppe (f) [en tôle] du cylindre
кожухъ (m) *или* обшивка (f) цилиндра
inviluppo (m) in lamiera
envoltura (f) [de chapa] del cilindro



9 Dampfkolben (m)
steam piston
piston (m) à vapeur
поршень (m) [паровой машины]
stantuffo (m) del vapore
émbolo (m) de vapor



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Dichtungsfläche (f)
steam-tight surface
portée (f) *ou* surface (f) de frottement du segment

уплотняющая поверхность (f)
superficie (f) di tenuta
superficie (f) de rozamiento del segmento

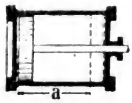
1

Kolbenbreite (f)
width *or* depth of piston
hauteur (f) du piston

ширина (f) поршня
larghezza (f) dello stantuffo
espesor (m) del émbolo

2

Kolbenhub (m), Kolbenweg (m)
stroke of piston
course (f) du piston



a

ходъ (m) поршня
corsa (f) dello stantuffo
carrera (f) del émbolo

3

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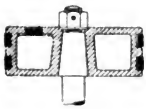
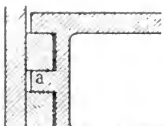
doppelwandiger Kolben (m)
hollow piston, box piston
piston (m) à double paroi, piston (m) creux



пустотѣлый поршень (m)
stantuffo (m) a parete doppia
émbolo (m) de pared doble

4

Kolbensteg (m)
partition *or* rib between piston rings
cloison (f) séparant les segments de piston

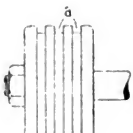


a

простѣнокъ (m) между поршневыми кольцами
parete (f) tra le scanalature dello stantuffo
tabique (m) entre los segmentos

5

Ringnute (f), Kolbennute (f)
piston ring groove
gorge (f) de piston, rainure (f) annulaire de piston



a

желобокъ (m) въ поршнѣ
scanalatura (f) dello stantuffo
ranura (f) del émbolo

6

Kolben (m) mit auswechselbarem Ringe
piston with replaceable body *or* flange
piston (m) à couronne échangeable *ou* amovible

поршень (m) со смѣннымъ кольцомъ
stantuffo (m) ad anello di ricambio
émbolo (m) de aro intercambiable

7

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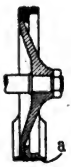
1 Tragkolben (m)
self-supporting piston
piston (m) reposant sur le cylindre



поршень (m), неразгруженный отъ нормальныхъ давленій; поршень безъ передней направляющей
stantuffo (m) portante
émbolo (m) soportado por la pared del cilindro

---

2 verbreiterter Gleitschuh (m)
widening ring for piston
portée (f) élargie

уширённый башмакъ (m)
pattino (m) allargato
patín (m) alargado

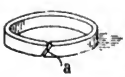
---

3 Führungsring (m)
guide ring, carrying ring
cercle (m) *ou* bague (f) de guidage

направляющее кольцо (n)
anello (m) di guida
segmento (m) de guía

---

4 schräg geschnittener Kolbenring (m)
obliquely cut *or* split piston ring
segment (m) de piston fendu en siffiet *ou* en biais



наискось разрѣзанное поршневое кольцо (n); набивочное кольцо съ косымъ замкомъ
anello (m) di guarnitura con taglio obliquo
segmento (m) cortado oblicuamente

---

5 Teilfuge (f) des Kolbenringes
gap in the piston packing ring
joint (m) de segment

стыкъ (m) поршневого кольца
interstizio (m) tra i segmenti dell'anello di guarnitura
junta (f) del segmento

---

6 überlappt geschnittener Kolbenring (m)
piston packing ring with overlapping joint *or* scarf
segment (m) de piston avec joint brisé

набивочное кольцо (n) съ замкомъ въ напускъ; поршневое кольцо съ разрѣзомъ въ напускъ
anello (m) di tenuta tagliato a sovrapposizione
segmento (m) cortado á recubrimiento

---

7 selbstspannender *oder* selbstfedernder Kolbenring (m)
spring ring
segment (m) élastique

пружинящее набивочное *или* поршневое кольцо (n)
anello (m) di tenuta elastico
segmento (m) elástico

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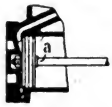
Undichtigkeit (f) des Kolbens
leakiness of the piston
fuite (f) autour du piston, défaut (m) d'étanchéité du piston

неплотность (f) поршня
tenuta (f) imperfetta dello stantuffo
fuga (f) ó pérdida (f) en el émbolo
1

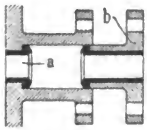
Kolbenstange (f)
piston rod
tige (f) de piston



a

поршневой штокъ (m) *или* стержень (m); поршневая скалка (f)
stelo (m) *od* asta (f) dello stantuffo
vástago (m) del émbolo
2

Stopfbüchse (f)
stuffing box
boîte (f) à garniture *ou* à bourrage



сальникъ (m)
premi-stoppa (m), pressa-stoppa (m)
prensa-estopas (m), caja (f) de guarnición
3

Grundring (m)
neck ring, bush
bague (f) de fond

a

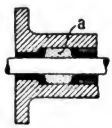
основное кольцо (n); грундбукса (f)
anello (m) fisso
anillo (m) de fondo
4

Stopfbüchsdeckel (m), Stopfbüchsbrille (f)
gland, follower
presse-garniture (m)

b

крышка (f) сальника
coperchio (m) del premi-stoppa
prensa-guarnición (f)
5

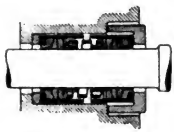
Stopfbüchsdichtung (f), Stopfbüchspackung (f)
stuffing box packing
garniture (f) de boîte à bourrage *ou* à garniture



a

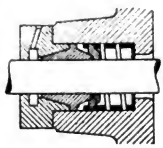
набивка (f) сальника
guarnizione (f) *o* guarnitura (f) del premi-stoppa
guarnición (f) del prensa-estopas *ó* de la caja de guarnición
6

Metalldichtung (f)
metallic packing
garniture (f) métallique



металлическая набивка (f)
guarnizione (f) metallica
guarnición (f) metálica, empaquetadura (f)
7

Doppelkegeldichtung (f)
double cone packing
garniture (f) à double cône



двухконусная набивка (f)
guarnizione (f) biconica
guarnición (f) de doble asiento cónico
8

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bewegliche Stopfbüchse (f)
movable stuffing box
boîte (f) à garniture mobile

подвижной сальникъ (m)
premi-stoppa (m) mobile
caja (f) de guarnición móvil
9

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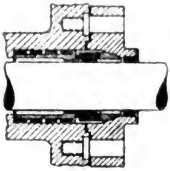
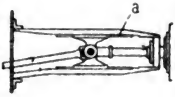
kugelige Metalldichtung (f)
1 spherical metallic packing
garniture (f) métallique sphérique



сферическая металлическая набивка (f)
guarnizione (f) metallica sferica
guarnición (f) metálica esférica

Geradführung (f), Gleitbahn (f) Leitbahn (f)
2 crosshead guide
glissière (f), glissières (f pl), guide (f) de la tête

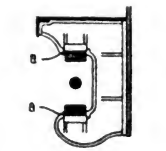


направляющія (f pl); параллели (f pl)
guida (f) *o* guide (f pl) parallele
resbaladeras (f pl)

Gleitschiene (f), Lineal (n)
3 guide *or* slide bar
barre (f) de glissière, glissière (f)

параллель (f); направляющій стержень (m) *или* брусъ (m)
sbarra (f) di guida
barra (f) de guia, resbaladera (f)

Linealbeilage (f)
liner for adjusting the slide bar
4 pièce (f) intermédiaire, cale (f) pour ajuster les glissières



прокладка (f) для установки направляющей *или* параллели
pezzo (m) interposto per regolare le sbarre di guida
pieza (f) interpuesta, cala (f) para ajustar las resbaladeras

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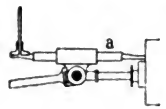
einschienige Geradführung (f)
5 single bar guide
glissière (f) à barre simple



направляющая (f) съ одной скользящей поверхностью *или* въ видѣ одной параллели
guida (f) semplice
resbaladera (f) unica

---

umschlossene Führungsstange (f)
6 enclosed guide *or* slide bar rod
barre (f) de glissière embrassée

обхватываемый направляющій стержень (m) *или* брусъ (m)
sbarra (f) di guida abbracciata
resbaladera (f) abrazada

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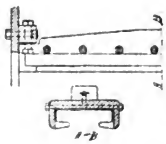
umschließende Führungsstange (f)
7 half enclosed slide bar *or* guide
barre (f) de glissière embrassante



обхватывающій направляющій стержень (m) *или* брусъ (m)
sbarra (f) di guida abbracciante
resbaladera (f) abrazante *o* de corchete

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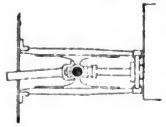
zweischienige Geradführung (f)
8 two-bar guide
glissière (f) à deux barres



направляющая (f) изъ двухъ параллелей
guida (f) doppia
guia (f) de dos resbaladeras

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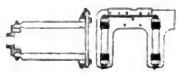
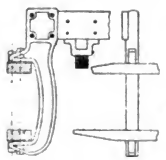
vierschienige Geradführung (f)
four-bar guide
glissière (f) à quatre barres



направляющая (f) изъ четырёхъ параллелей
guida (f) a quattro sbarre
guia (f) de cuatro resbaladeras

1

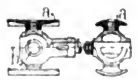
Geradführungsträger (m), Gleitbahnträger (m), Linealträger (m)
slide bar bracket, guide yoke (A)
porte-glissière (m), support (m) de glissière



параллельная рама (f); кронштейнъ (m) параллелей
sopporto (m) della guida
soporte (m) de resbaladera

2

Kreuzkopf (m)
cross-head
crosse (f) *ou* tête (f) de piston



крейцкопфъ (m); кулакъ (m)
testa (f) a croce
taco (m), cruceta (f), cabeza (f) del pistón

3

Gleitschuh (m), Gleitsohle (f)
slippper, shoe
coulisseau (m) *ou* patin (m) *ou* semelle (f) de crosse

a

ползунъ (m); башмакъ (m); пополэушка (f)
pattino (m), slitta (f)
zapata (f), patin (m)

4

Kreuzkopfbolzen (m)
crosshead pin, gudgeon pin, knuckle pin (A)
tourillon (m) *ou* axe (m) de la crosse

b

крейцкопфный болтъ (m)
perno (m) della testa a croce
perno (m) de la cabeza ó de la cruceta

5

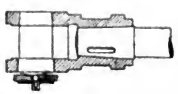
Gleitfläche (f) des Kreuzkopfes
sliding surface of the crosshead
surface (f) de glissement de la crosse

трущаяся поверхность (f) крейцкопфа
superficie (f) di slittamento della testa a croce
superficie (f) de resbalamiento de la cruceta

6

---

von außen eingeschobener Bolzen (m)
pin inserted from outside
tourillon (m) introduit du dehors



болтъ (m), вставленный снаружи
perno (m) infilato dal di fuori
perno (m) introducido por fuera

7

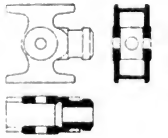
---

von innen eingesteckter Bolzen (m)
pin inserted from inside
tourillon (m) introduit de l'intérieur

болтъ (m), вставленный извнутри
perno (m) infilato dal di dentro
perno (m) introducido por adentro

8

Kreuzkopf (m) aus Stahlformguß
cast-steel crosshead
crosse (f) en acier moulé



крейцкопфъ (m) изъ литой стали
testa (f) a croce in acciaio fuso
cruceta (f) de acero fundido

9

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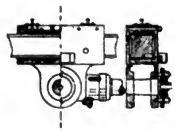
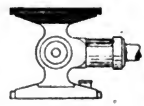
1 einseitigerKreuzkopf(m)
single bar crosshead
crosse (f) à un patin



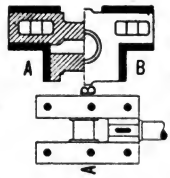
односторонній крейцкопфъ (m)
testa (f) a croce unilaterale
cruceta (f) de un solo patín

2 doppelseitiger Kreuzkopf (m)
double bar crosshead
crosse (f) à deux patins



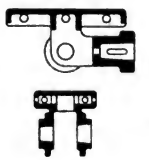
двухсторонній крейцкопфъ (m); крейцкопфъ съ двумя ползушками *или* подзунами
testa (f) a croce bilaterale *o* simmetrica
cruceta (f) de dos patines

3 Kreuzkopf (m) für vier Schienen
four-bar crosshead
crosse (f) pour glissière à quatre barres



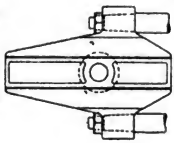
крейцкопфъ (m) для четырёхъ параллелей
testa (f) a croce per guida a quattro sbarre
cruceta (f) de cuatro patines

4 einseitiger Kreuzkopf (m) für umschließende Führung
crosshead for half enclosed slide bar
crosse (f) à un patin pour glissière embrassante



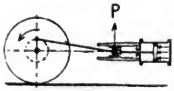
односторонній крейцкопфъ (m) для обхватывающей направляющей
testa (f) a croce unilaterale per guida abbracciante
cruceta (f) de un solo patín para resbaladera embrazante

5 Kreuzkopf (m) für zwei Kolbenstangen
crosshead for two piston rods
crosse (f) pour deux tiges de piston



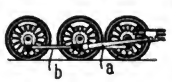
крейцкопфъ (m) для двухъ поршневыхъ штоковъ *или* стержней *или* скалокъ
testa (f) a croce per guida a due aste di stantuffo
cruceta (f) para dos vástagos de émbolo

6 Kreuzkopfdruck (m)
crosshead pressure
pression (f) de la crosse *ou* tête de piston



давленіе (n) крейцкопфа
pressione (f) della testa a croce
presión (f) de la cruceta

7 Kurbelstange (f), Schubstange (f), Triebstange (f), Treibstange (f), Pleuelstange (f)
connecting rod, main rod (A)
bielle (f) motrice



a

ведущій шатунъ (m); поршневое дышло (n)
biella (f) di manovella, biella (f) motrice
biela (f) de manivela *ó* motríz

8 Kuppelstange (f)
coupling rod, parallel rod, side rod (A)
bielle (f) d'accouplement

b

сцѣпное дышло (n); сдваивающій шатунъ (m)
biella (f) d'accoppiamento
biela (f) de acoplamiento

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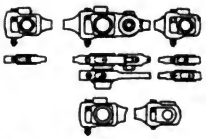
Stangensatz (m)
set of rods
jeu (m) de bielles



комплектъ (m) шатуновъ *или* дышелъ
giuoco (m) della biella
juego (m) de bielas
1

Stangenschaft (m)
body of rod
corps (m) de bielle

тѣло (n) шатуна
corpo (m) della biella
cuerpo (m) de la biela
2

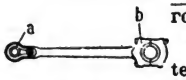
Stange (f) mit rechteckigem Querschnitte
rod of rectangular section
bielle (f) à section carrée

шатунъ (m) прямоугольнаго сѣченія
biella (f) a sezione rettangolare
biela (f) de sección rectangular
3

Stange(f)mit I-förmigem Querschnitte
rod of I shaped section
bielle (f) en I *ou* évidée

шатунъ (m) двутавроваго сѣченія
biella (f) a sezione a I
biela (f) [de sección] en I ó de cuerpo vaciado
4

Stangenkopf (m)
connecting rod end *or* head, stub end (A)
tête (f) de bielle



a, b

головка (f) шатуна *или* дышла; дышловая головка
testa (f) di biella
cabeza (f) de la biela
5

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offener Kurbelstangenkopf (m)
marine end
tête (f) de bielle ouverte

открытая головка (f) шатуна; открытая дышловая головка
testa (f) aperta di biella
cabeza (f) abierta de la biela
6

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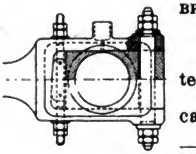
gabelförmiger Stangenkopf (m), Gabelkopf (m)
forked connecting rod end
tête (f) de bielle à fourche



вилкообразная головка (f) шатуна; вилчатая дышловая головка
testa (f) di biella a forcella
cabeza (f) de biela de horquilla
7

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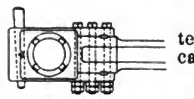
bügelartiger Stangenkopf (m), Bügelkopf (m)
strap end *or* head *or* stub (A)
tête (f) de bielle en étrier *ou* à chape rapportée



хомутообразная головка (f) шатуна *или* дышловая головка
testa (f) di biella a staffa
cabeza (f) de la biela de estribo ó de chapas reportadas
8

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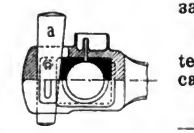
geschlossener Kurbelstangenkopf (m)
solid end *or* head *or* stub (A)
tête (f) de bielle [à cage] fermée



закрытая головка (f) шатуна; замкнутая дышловая головка
testa (f) di biella chiusa
cabeza (f) de biela de chapa cerrada ó de jaula cerrada
9

Stellkeil (m)
adjusting cotter, key (A)
clavette (f) d'ajustage, clé (f) de serrage des coussinets

a

установочный клинъ (m)
cuneo (m) d'aggiustaggio
chaveta (f) de ajuste
10

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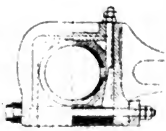
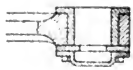
unten offener Schubstangenkopf (m)
1 connecting rod end with opening below pin
tête (f) de bielle ouverte en-dessous



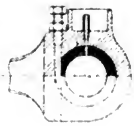
головка (f) шатуна, *или* дышловая головка, открытая внизу
testa (f) di biella aperta al di sotto
cabeza (f) de biela abierta por abajo

Stangenkopf (m) mit Staubdeckel
2 coupling rod end with dust cap
tête (f) de bielle à couvercle antipoussière



головка (f) шатуна съ крышкой, предохраняющей отъ пыли
testa (f) di biella con coperchio para-polvere
cabeza (f) de biela con tapa guardapolvo

Kuppelstangenkopf (m) mit eingepreßten Lagerschalen
coupling rod end with
3 bush pressed in
tête (f) de bielle d'accouplement à coussinets emmanchés *ou* calés à la presse



шатунъ (m) *или* дышло (n) со впрессованными вкладышами
testa (f) di biella d'accoppiamento con cuscinetti introdotti a pressione
cabeza (f) de biela de acoplamiento con cojinetes introducidos con la prensa

---

Kurbel (f)
4 crank
manivelle (f)

кривошипъ (m); мотыль (m)
manovella (f)
manivela (f)

Treibkurbel (f)
5 driving crank
manivelle (f) motrice

a

ведущій кривошипъ (m) *или* мотыль (m)
manovella (f) motrice
manivela (f) motriz

Kuppelkurbel (f)
6 coupling crank
manivelle (f) d'accouplement

b

сцѣпной кривошипъ (m); спаривающій мотыль (m)
manovella (f) d'accoppiamento
manivela (f) de acoplamiento

Kurbelzapfen (m)
crank pin
7 maneton (m) de manivelle, bouton (m) de manivelle

c

палецъ (m) *или* цапфа (f) кривошипа; палецъ мотыля
bottone (m) *o* perno (m) della manovella
botón (m) de la manivela

Triebzapfen (m)
driving pin
8 bouton (m) de manivelle moteur

ведущая цапфа (f); ведущій палецъ (m)
bottone (m) *o* perno (m) motore
botón (m) motor

Kuppelzapfen (m)
coupling pin
9 bouton (m) de manivelle d'accouplement

цапфа (f) *или* палецъ (m) сцѣпного кривошипа
bottone (m) *o* perno (m) d'accoppiamento
botón (m) de acoplamiento

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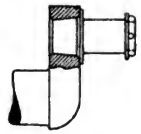
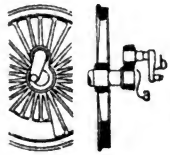
eingesetzter Kurbelzapfen (m)
inserted crank pin
bouton (m) de manivelle emmanché [à la presse]



вставная цапфа (f) кривошипа
bottone (m) *o* perno (m) della manovella infilato
botón (m) de manivela enmangado [con la prensa]

1

Hauptkurbel (f)
main crank
manivelle (f) principale



главный *или* коренной кривошипъ (m)
manovella (f) principale
manivela (f) principal

2

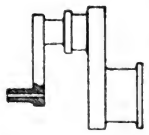
Gegenkurbel (f)
return crank, fly crank
contre-manivelle (f)

b

обратный кривошипъ (m); контръ-кривошипъ (m)
contromanovella (f)
contra-manivela (f)

3

Durchbohrung (f) der Gegenkurbel
bore through the return crank
perçage (m) de la contre-manivelle



отверстіе (m), просверленное по оси обратнаго кривошипа
foratura (f) della contromanovella
mandrilado (m) ó taladro (m) de la contra-manivela

4

Außenkurbel (f)
outside crank
manivelle (f) extérieure

наружный кривошипъ (m)
manovella (f) esterna
manivela (f) exterior

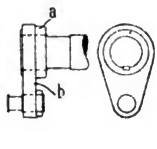
5

Innenkurbel (f)
inside crank
manivelle (f) intérieure

внутренній кривошипъ (m)
manovella (f) interna
manivela (f) interior

6

Aufsteckkurbel (f)
keyed on *or* built up crank on end of axle
manivelle (f) rapportée sur l'extrémité de l'essieu



насаженный кривошипъ (m), *или* мотыль (m)
manovella (f) riportata in testa all'asse
manivela (f) reportada sobre el eje

7

Kurbelnabe (f)
crank boss
moyeu (m) de manivelle

a

ступица (f) кривошипа *или* мотыля
mozzo (m) della manovella
cubo (m) de la manivela

8

Kurbelblatt (n), Kurbelarm (m)
crank cheek *or* web
bras (m) *ou* corps (m) de manivelle

b

плечо (n) кривошипа *или* мотыля
piastra (f) di manovella
cuerpo (m) ó placa (f) de manivela

9

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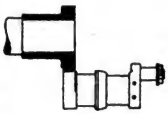
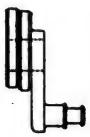
Hallsche Kurbel (f), den Achsschenkel umschließende Kurbel (f)
1 Hall's crank
manivelle (f) de Hall, manivelle (f) embrassant la fusée de l'essieu



кривошипъ (m) Галля; мотыль (m), обхватывающій осевую шейку
manovella (f) Hall, manovella (f) abbracciante il fuso dell'asse
manivela (f) de Hall, manivela (f) enmangada sobre el eje

Exzenterkurbel (f)
2 crank with eccentrics
manivelle (f) à excentrique



эксцентриковый кривошипъ (m) или мотыль (m)
manovella (f) eccentrica
manivela (f) excéntrica

---

in den Radstern eingeschweißter Kurbelarm (m)
3 crank welded on the wheel centre
bras (m) de manivelle forgé dans le centre de roue

плечо (n) кривошипа или мотыля, приваренное къ центру колеса
braccio (m) di manovella saldato a fuoco nelle razze della ruota *o* fucinato nel corpo della ruota
brazo (m) de manivela soldado en el cuerpo de la rueda

Kurbelstellung (f)
4 position of crank
position (f) de la manivelle

положеніе (n) кривошипа или мотыля
posizione (f) della manovella
posición (f) de la manivela

Kurbelweg (m)
5 path of crank pin
course (f) de la manivelle

путь (m), проходимый кривошипомъ или мотылёмъ
percorso (m) della manovella
recorrido (m) de la manivela

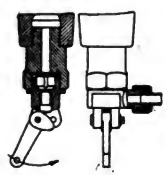
Zylinderausrüstung (f)
6 cylinder fittings
garnitures (f pl) du cylindre

гарнитура (f) цилиндра
accessori (m pl) del cilindro
accesorios (m pl) del cilindro

Zylinderentwässerung (f)
7 cylinder drainage
purge (f) du cylindre

удаленіе (n) воды изъ цилиндра; продуваніе (n) цилиндровъ
spurgo (m) *o* scolo (m) del cilindro
purga (f) del cilindro

Entwässerungsventil (n), Schlammventil (n)
8 drain valve
robinet (m) purgeur



продувной или продувательный клапанъ (m); водоспускной клапанъ
valvola (f) di scolo dell'acqua
purgador (m), válvula (f) de purga, grifo (m) de purga

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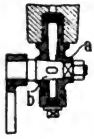
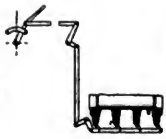
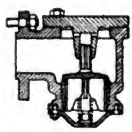
Zylinderhahn (m) cylinder drain cock robinet (m) [purgeur] du cylindre		цилиндровый продувной кранъ (m); продувательный кранъ цилиндра robinetto (m) del cilindro grifo (m) [de purga] del cilindro	*1*
Hahngehäuse (n) body of cock boisseau (m) du robinet	a	тѣло (n) *или* коробка (f) крана bossolo (m) del robinetto cámara (f) *ó* caja (f) del grifo	*2*
Hahnwirbel (m), Hahnkegel (m), Hahnreiber (m) plug of cock tournant (m) du robinet	b	пробка (f) крана maschio (m) del robinetto macho (m) del grifo	*3*
Zylinderhahnzug (m) cylinder cock gear *or* rigging tringle (f) de manœuvre des robinets purgeurs du cylindre		приводъ (m) къ цилиндровымъ кранамъ tirantino (m) di manovra del robinetto del cilindro tirante (m) de maniobra del grifo del cilindro	*4*
Sammeltopf (m) cylinder drainage receiver collecteur (m) de purge		конденсаціонный горшокъ (m) recipiente (m) collettore colector (m) de purga	*5*
Lufteinlaßventil (n), Luftsaugeventil (n) air inlet valve, snifting valve soupape (f) de rentrée d'air		воздушный клапанъ (m) valvola (f) d'aspirazione d'aria válvula (f) de entrada de aire	*6*
Zylindersicherheitsventil (n) cylinder safety *or* relief valve soupape (f) de sûreté du cylindre		предохранительный клапанъ (m) на цилиндрѣ valvola (f) di sicurezza del cilindro válvula (f) de seguridad del cilindro	*7*
vereinigtes Sicherheits- und Luftsaugeventil (n) combined safety and air valve soupapes (f pl) de rentrée d'air et de sûreté combinées		комбинированные предохранительный и воздушный клапаны (m pl) valvole (f pl) di sicurezza e d'aspirazione d'aria combinate válvula (f) combinada de seguridad y de entrada de aire	*8*

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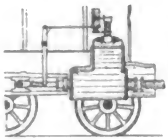
1 Indikatorversuch (m)
indicator test
prise (f) d'un diagramme d'indicateur



снятие (n) индикаторной диаграммы
presa (f) di diagramma dell'indicatore
toma (f) del diagrama del indicador

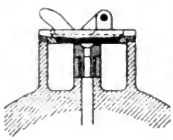
2 Schmierung (f)
lubrication
lubrification (f), graissage (m), lubréfaction (f)

смазка (f)
lubrificazione (f)
engrase (m), lubricación (f)

3 Schmierstelle (f)
point of lubrication
point (m) de lubrification

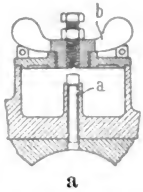
мѣсто (n) смазки
punto (m) di lubrificazione
punto (m) de engrase *ó* de lubricación

4 Schmiergefäß (n) mit Klappdeckel
oil *or* lubrication box with spring cover
godet (m) graisseur avec couvercle à rabattement



маслёнка (f) съ откидной крышкой
scatola (f) a grasso con coperchio a cerniera
depósito (m) de aceite con tapa de charnela

5 Ventilstift (m), Schlagstift (m)
valve stem *or* pin
pointeau (m) de godet-graisseur



клапанный штифтъ (m)
ago (m) valvola
vástago (m) de válvula

a

6 Verschlußschraube (f)
closing screw, thumb screw
vis (f) de fermeture

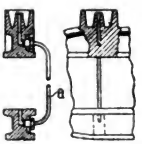
b

запорный винтъ (m)
vite (f) di chiusura
tornillo (m) de cierre

7 Gleitbahnschmierung (f)
lubrication of guide surface
graissage (m) de la glissière

смазка (f) параллелей
lubrificazione (f) delle guide
lubrificación (f) de las guías *ó* resbaladeras

8 untere Gleitbahnschmierung (f)
lubrication of lower guide surface
graissage (m) inférieur de la glissière



смазка (f) нижней параллели
lubrificazione (f) inferiore della guida
lubrificación (f) inferior de las guías *ó* resbaladeras

9 Ölrohr (n)
oil pipe
tube (m) de graissage

a

смазочная трубка (f); трубка для масла
tubo (m) per l'olio
tubo (m) para aceite

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Ölzufuhr (f)
oil supply
amenée (f) de l'huile

подводъ (m) масла
adduzione (f) dell'olio
introducción (f) de aceite

1

Einzelöler (m)
independent oiler
graisseur (m) indépendant

отдѣльная маслёнка (f)
lubrificatore (m) indipendente
engrasador (m) independiente

2

Tropfenschmierung (f)
drip *or* drop lubrication
graissage (m) par compte-gouttes

капельная смазка (f); смазка по каплямъ
lubrificazione (f) a contagocce
lubrificación (f) de tubo cuenta-gotas

3

Schmierpresse (f), Schmierpumpe (f)
lubricating press
graisseur (m) à refoulement *ou* à compression

смазочный прессъ (m); смазочный насосъ (m)
lubrificatore (m) a pressione
engrasador (m) de pistón

4

Dampfschmierung (f)
steam lubrication
graissage (m) à vapeur

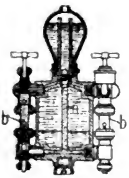
паровая смазка (f)
lubrificazione (f) a vapore
lubrificación (f) de vapor

5

Schmierung (f) unter Dampf
lubrication under steam
graissage (m) sous pression de vapeur

смазка (f) подъ паромъ
lubrificazione (f) sotto pressione del vapore
lubrificación (f) bajo presión de vapor

6



Sichtöler (m), Öler (m) mit sichtbarer Tropfenbildung
sight feed lubricator
graisseur (m) à débit visible, graisseur (m) à condensation

маслёнка (f) съ видимымъ образованіемъ капель; лубрикаторъ (m)
lubrificatore (m) a gocce visibili
engrasador (m) de gotas visibles, engrasador (m) de condensación

7

Überlaufrohr (n)
overflow pipe
tuyau (m) de prise d'huile

a

сливная труба (f)
tubo (m) sfioratore
tubo (m) de toma de aceite

8

Schauglas (n)
lubricator show glass
tube (m) de débit visible

b

контрольное или подзорное стекло (n)
spia (f)
tubo (m) de gotas visibles

9

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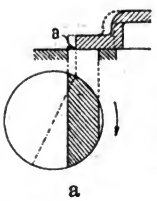
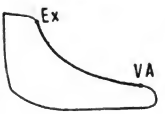
	3. Steuerung **Valve motion** **Distribution**	**Парораспредѣленіе** **Distribuzione** **Distribución**
1	Lokomotivsteuerung (f) locomotive valve motion distribution (f) de locomotive	паропаспредѣленіе (n) паровоза distribuzione (f) della locomotiva distribución (f) para locomotoras
2	Schiebersteuerung (f) slide valve gear distribution (f) par tiroirs	золотниковое [паро] распредѣленіе (n) distribuzione (f) a cassetto distribución (f) por válvula
4	Dampfverteilung (f) steam distribution distribution (f) de la vapeur	паропаспредѣленіе (n) distribuzione (f) del vapore distribución (f) del vapor
5	Einströmung (f) admission admission (f), entrée (f)	 впускъ (m) ammissione (f) admisión (f)
6	Einströmungsöffnung (f) admission opening lumière (f) d'admission	[паро]впускное окно (n) luce (f) d'ammissione lumbrera (f) de admisión
7	Dampfeintritt (m) steam admission admission (f) de la vapeur	впускъ (m) пара entrata (f) del vapore admisión (f) del vapor
8	Voreinströmung (f), Voreintritt (m) admission lead, outside lap avance (f) à l'admission, admission (f) anticipée	опереженіе (n) впуска; предваренie (n) впуска ammissione (f) anticipata del vapore admisión (f) anticipada, avance (m) á la admisión
9	Vorröffnung (f), lineares Voreilen (n) lead avance (f) linéaire	 a линейное опереженіе (n) (предваренie (n)) впуска anticipazione (f) all'introduzione avance (m) lineal
10	Dehnung (f), Expansion (f) expansion détente (f), expansion (f)	 расширенie (n) espansione (f) expansión (f)

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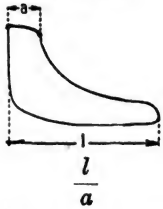
Dehnungsgrad (m), Expansionsgrad (m)
degree of expansion
degré (m) de détente



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степень (f) расширения
grado (m) d'espansione
grado (m) de expansión

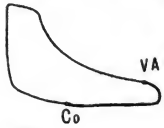
1

Vorausströmung (f)
exhaust lead
échappement (m) anticipé, avance (f) à l'échappement

предвареніе (n) выпуска
anticipazione (f) alla scarica
avance (m) al escape

2

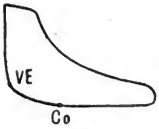
Ausströmung (f)
exhaust
échappement (m)



выпускъ (m)
scarica (f), scappamento (m)
escape (m)

3

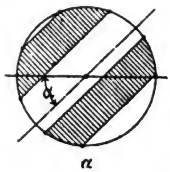
Druckzunahme (f), Kompression (f)
compression, cushioning
compression (f)



сжатіе (n)
aumento (m) di pressione, compressione (f)
compresión (f)

4

Voreilwinkel (m)
angle of lead
angle (m) d'avance



α

уголъ (m) опереженія *или* предваренія
angolo(m)di precessione
ángulo (m) de avance

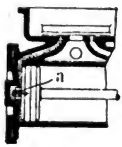
5

unveränderliche Voreilung (f)
constant lead
avance (f) invariable

постоянное опереженіе (n) *или* предвареніе (n)
precessione (f) invariabile
avance (m) invariable

6

schädlicher Raum (m)
clearance
espace (m) nuisible *ou* mort

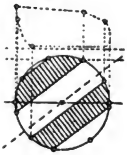


a

вредное пространство (n)
spazio (m) nocivo
espacio (m) muerto

7

Schieberschaubild (n), Schieberdiagramm (n)
slide valve diagram
diagramme (m) de tiroir



золотниковая діаграмма (f)
diagramma (m) del cassetto
diagrama (m) del distribuidor

8

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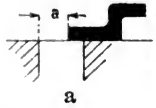
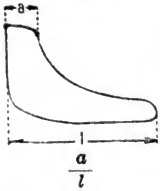
1 Kanalöffnung (f)
port opening
découvrement (m) de la lumière



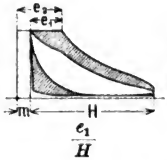
открытие (n) окна
apertura (f) del canale, luce (f)
abertura (f) de la lumbrera

2 Füllungsgrad (m)
admission, cut-off
[degré (m) d']admission (f)



наполненіе (n); степень (f) наполненія
grado (m) d'ammissione
grado (m) de admisión

3 scheinbare Füllung (f)
apparent cut-off
admission (f) apparente



кажущееся наполненіе (n)
ammissione (f) apparente
admisión (f) aparente

4 wirkliche Füllung (f)
actual cut-off
admission (f) réelle *ou* effective

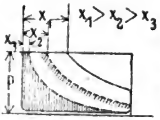
$$\frac{e_2}{H+m}$$

дѣйствительное наполненіе (n)
ammissione (f) effettiva
admisión (f) efectiva

5 Veränderlichkeit (f) des Füllungsgrades
variability of cut-off
variabilité (f) de l'admission

измѣняемость (f) наполненія *или* степени наполненія
variabilità (f) del grado d'ammissione
variabilidad (f) de la admisión

6 zunehmende Füllung (f)
increasing cut-off
admission (f) croissante



возрастающее наполненіе (n)
ammissione (f) crescente
admisión (f) creciente

7 abnehmende Füllung (f)
decreasing cut-off
admission (f) décroissante

убывающее наполненіе (n)
ammissione (f) decrescente
admisión (f) decreciente

8 mittlere Füllung (f)
mean cut-off
admission (f) moyenne

среднее наполненіе (n); средняя степень (f) наполненія
ammissione (f) media
admisión (f) media

9 den Füllungsgrad einstellen (v)
to adjust the point of cut-off
régler (v) l'admission

установить наполненіе; урегулировать степень наполненія
regolare (v) l'ammissione
regular (v) la admisión

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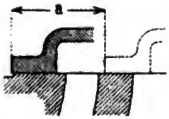
Schieberhub (m), Schieberweg (m)
travel of slide valve
course (f) du tiroir



a

ход (m) золотника
corsa (f) del cassetto
carrera (f) ó recorrido (m) del distribuidor

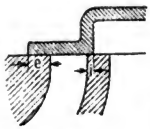
1

Schieberstellung (f)
position of slide valve
position (f) du tiroir

положеніе (n) золотника
posizione (f) del cassetto
posición (f) del distribuidor

2

äußere Schieberdeckung (f)
outside lap, steam lap (A)
recouvrement (m) extérieur du tiroir



e

внѣшняя перекрыша (f)
ricoprimento (m) esterno del cassetto
recubrimiento (m) exterior del distribuidor

3

---

innere Schieberdeckung (f)
inside lap, exhaust lap (A)
recouvrement (m) intérieur du tiroir

i

внутренняя перекрыша (f)
ricoprimento (m) interno del cassetto
recubrimiento (m) interior del distribuidor

4

---

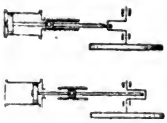
endliche Länge (f) der Schubstange
finite length of the connecting rod
longueur (f) déterminée de la bielle

конечная длина (f) шатуна
lunghezza (f) finita della biella
longitud (f) limitada de la biela

5

---

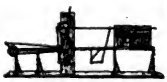
toter Punkt (m) des Kurbelgetriebes
dead point *or* centre of the crank
point (m) mort de la manivelle



мёртвая точка (f) кривошипа *или* кривошипнаго механизма
punto (m) morto del meccanismo della manovella
punto (m) muerto del mecanismo de manivela

6

Steuerungsmodell (n)
model for valve motion
modèle (m) de distribution



модель (f) парораспредѣленія
modello (m) della distribuzione
modelo (m) de distribución

7

---

innere Steuerungsteile (m pl)
inside parts of valve motion
organes (m pl) intérieurs de distribution

внутренніе распредѣлительные органы (m pl)
organi (m pl) interni della distribuzione
órganos (m pl) de distribución interiores

8

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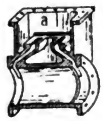
1 Schieberkasten (m)
slide valve chest, steam chest
boîte (f) à vapeur, boîte (f) à tiroir

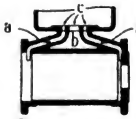


a

золотниковая коробка (f)
scatola (f) del cassetto, camera (f) del vapore
cámara (f) del distribuidor, caja (f) de vapor

---

2 Dampfkanal (m)
steam port
conduit (m) de vapeur, lumière (f)



a, b

паровой каналъ (m)
canale (m) del vapore
conducto (m) de vapor, lumbrera (f)

---

3 Eintrittkanal (m)
admission port
conduit (m) d'admission, lumière (f) d'admission

a

впускной каналъ (m)
canale (m) d'ammissione
conducto (m) de admisión, lumbrera (f) de admisión

---

4 Austrittkanal (m)
exhaust port
conduit (m) d'échappement, lumière (f) d'échappement

b

выпускной каналъ (m)
canale (m) dello scarico
conducto (m) de escape, lumbrera (f) de escape

---

5 Kanalmündung (f)
port opening
orifice (m) du conduit, lumières (f pl)

c

устье (n) канала или окна
orifizio (m) dello specchio del cassetto
abertura (f) del conducto de la lumbrera

---

6 Schieberkasteninhalt (m)
volume of steam chest
volume (f) intérieur *ou* capacité (f) de la boîte à vapeur

объёмъ (m) золотниковой коробки
capacità (f) della scatola del cassetto *o* della camera del vapore
capacidad (f) de la caja de vapor

---

7 Schieberkastendeckel (m)
steam chest cover
couvercle (m) de boîte à vapeur

a

крышка (f) золотниковой коробки
coperchio (m) della scatola del cassetto *o* della camera del vapore
tapa (f) de la caja de vapor

---

8 Schieberkastendeckelflansch (m)
flange of steam chest cover
bride (f) de couvercle de boîte à vapeur

b

фланецъ (m) золотниковой коробки
flangia (f) pel coperchio della scatola del cassetto *o* della camera del vapore
brida (f) de la tapa de la caja de vapor

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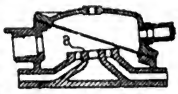
schräg geteilter Schieberkasten (m), Schieberkasten (m) mit geneigtem Flansche
steam chest with diagonal *or* oblique joint
boîte (f) à vapeur à bride inclinée *ou* à couvercle incliné



золотниковая коробка (f) съ наклоннымъ фланцемъ
scatola (f) del cassetto *o* della camera del vapore a flangia inclinata
caja (f) de vapor *ó* cámara (f) del distribuidor con brida de tapa înclinada

1

Schieberfläche (f), Schieberspiegel (m)
slide face, port face
glace (f) *ou* table (f) du tiroir

a

золотниковое зеркало (n) *или* лицо (n); золотниковый столъ (m)
specchio (m) del cassetto
cara (f) del distribuidor

2

Ausströmungsraum (m)
exhaust space *or* chamber
espace (m) offert à l'échappement

выпускное пространство (n)
spazio (m) di scarica
espacio (m) de escape

3

Lufteinlaßventil (n) am Schieberkasten
air inlet valve in the steam chest
soupape (f) de rentrée d'air de la boîte à tiroir

воздушный клапанъ (m) на золотниковой коробкѣ
valvola (f) d'aspirazione d'aria alla scatola del cassetto *o* della camera del vapore
válvula (f) de entrada de aire de la caja de vapor *ó* del distribuidor

4

Dampfschieber (m), Schieber (m)
steam slide valve
tiroir (m) [de vapeur]

паровой золотникъ (m)
cassetto (m) del vapore
distribuidor (m) [de vapor]

5

Flachschieber (m)
flat slide valve
tiroir (m) plan

плоскій золотникъ (m)
cassetto (m) piatto
distribuidor (m) plano

6

Muschelschieber (m)
D-slide valve, plain slide valve
tiroir (m) en coquille

коробчатый золотникъ (m); плоскій коробчатый золотникъ
cassetto (m) a conchiglia
distribuidor (m) en concha

7

Schieberlappen (m)
flange of valve
bord (m) *ou* patin (m) *ou* semelle (f) de tiroir

лапа (f) золотника
pianta (f) del cassetto
recubrimiento (m) del distribuidor

8

Schiebersteg (m)
port bridge *or* bar
barrette (f) de tiroir

перегородка (f) *или* простѣнокъ (m) между окнами золотниковой коробки
parete (f) tra le luci
barilla (f) del distribuidor

9

a

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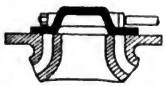
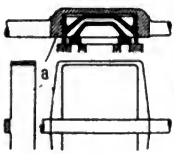
1 Schieber (m) mit wagrechter Grundfläche
slide valve with horizontal seat *or* face
tiroir (m) à surface de portée horizontale



золотникъ (m) съ горизонтальнымъ зеркаломъ
cassetto (m) a base orizzontale
distribuidor (m) con cara de trabajo horizontal

2 Schieberrahmen (m)
bridle, valve buckle, yoke (A)
cadre (m) de tiroir



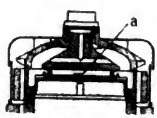
a

рама (f) *или* рамка (f) золотника
telaio (m) del cassetto
marco (m) del distribuidor

3 durchgehende Schieberstange (f)
extended valve rod, valve rod with tail end
tige (f) de tiroir traversant la boîte à vapeur

сквозной золотниковый штокъ (m) *или* стержень (m); сквозная золотниковая скалка (f)
stelo (m) *od* asta (f) passante del cassetto
vástago (m) que atraviesa la caja de vapor

4 Schieberteller (m)
balance plate
plateau (m) de tiroir (équilibré)



a

золотниковая тарелка (f)
piatto (m) *o* specchio (m) del cassetto
plato (m) del distribuidor (equilibrado)

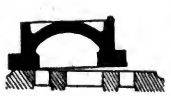
5 Ausfütterung (f) des Schiebers
lining of the slide valve
garniture (f) du tiroir (en alliage antifriction)

заливка (f) золотника
fodera (f) del cassetto
revestimiento (m) interior del distribuidor

6 Schieberreibung (f)
slide valve friction
frottement (m) du tiroir

трение (n) золотника
attrito (m) del cassetto
rozamiento (m) del distribuidor

7 Abklappen (n) *oder* Abheben (n) des Schiebers
lifting of the slide valve
soulèvement (m) du tiroir

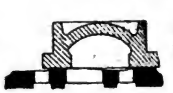


приподниманіе (n) золотника
sollevamento (m) del cassetto
oscilación (f) del distribuidor

8 der Schieber klappt ab
the slide valve rises *or* lifts *or* tips
le tiroir se soulève

золотникъ (m) приподнимается
il cassetto si solleva
el distribuidor oscila *ó* destapa

9 Fressen (n) des Schiebers
seizing of the slide valve
grippage (m) du tiroir



заѣданіе (n) золотника
usura (f) *o* consumo (m) del cassetto
desgaste (m) del distribuidor

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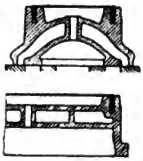
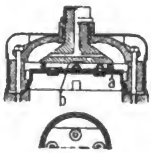


enflasteter Schieber (m)
relieved *or* balanced slide valve
tiroir (m) équilibré

уравновѣшенный *или* разгруженный золотникъ (m)
cassetto (m) compensato *1*
distribuidor (m) con válvula equilibrado

Entlastungsvorrichtung (f)
relieving *or* balancing device
dispositif (m) d'équilibrage

разгружающее *или* уравновѣшивающее приспособленіе (n)
dispositivo (m) di compensazione *2*
disposición (f) compensada



Entlastungsring (m)
relieving *or* balancing ring
bague (f) de joint de la plaque d'équilibrage

уравновѣшивающее *или* разгружающее кольцо (n)
anello (m) compensatore *3*
aro (m) de compensación

a

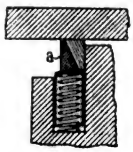
Entlastungsplatte (f)
relieving *or* balance plate
plaque (f) d'équilibrage

b

уравновѣшивающая *или* разгружающая доска (f)
piastra (f) di compensazione *4*
placa (f) de compensación

Entlastungsfläche (f)
relieving surface
surface (f) d'équilibrage

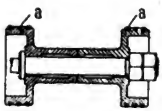
уравновѣшивающая *или* разгружающая поверхность (f)
superficie (f) di compensazione *5*
superficie (f) de compensación



geteilter *oder* aufgeschnittener Entlastungsring (m)
split relieving *or* balancing ring
bague (f) divisée de joint de la plaque d'équilibrage

разрѣзное уравновѣшивающее кольцо (n); составное разгружающее кольцо *6*
anello (m) compensatore diviso
aro (m) de compensación dividido

a



Kolbenschieber (m), Rundschieber (m)
piston valve
tiroir (m) cylindrique

цилиндрическій *или* поршневой золотникъ (m)
distributore (m) a stantuffo *7*
distribuidor (m) cilíndrico *ó* de émbolo

Dichtungsring (m)
packing ring
segment (m) *ou* bague (f) de garniture

a

уплотняющее кольцо (n)
anello (m) di tenuta *o* di guarnizione *8*
segmento (m) *ó* aro (m) de guarnición

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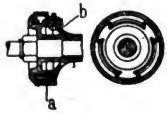
1 Steuerkolben (m)
piston of piston valve
piston (m) distributeur

a

распредѣлительный поршень (m)
stantuffo (m) distributore
émbolo (m) distribuidor

2 dreiteiliger Hauptring (m)
three-part main ring
segment (m) principal en trois pièces



a

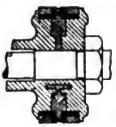
главное кольцо (n), состоящее изъ трёхъ частей
anello (m) principale in tre pezzi
segmento (m) ó aro (m) principal en tres piezas

3 Deckungsring (m)
cover-ring
bague (f) de recouvrement

b

установочное кольцо (n)
anello (m) di ricoprimento
segmento (m) ó aro (m) de recubrimiento

4 Doppelring (m)
double ring
bague (f) double, segment (m) double



двойное кольцо (n)
anello (m) doppio
segmento (m) ó aro (m) doble

5 tragender Dichtungsring (m)
supporting packing ring
segment (m) reposant sur le cylindre, segment (m) d'appui *ou* porteur

опорное *или* поддерживающее уплотняющее кольцо (n)
anello (m) di tenuta portante
segmento (m) ó aro (m) de apoyo

6 nichttragender Dichtungsring (m)
non supporting *or* floating packing ring
segment (m) non appuyé

не опорное *или* не поддерживающее уплотняющее кольцо (n)
anello (m) di tenuta non portante
segmento (m) ó aro (m) suspendido

7 den Kolbenschieber einschleifen (v)
to grind in the piston valve
roder (v) le tiroir cylindrique dans son logement

притереть цилиндрическій золотникъ
levigare(v) *od* aggiustare (v) il cassetto a stantuffo nella sua sede
esmerilar (v) el distribuidor cilíndrico

8 Schieberbüchse (f)
valve liner *or* bush
cylindre (m) *ou* fourreau (m) du tiroir, chemise (f) de boîte à vapeur

втулка (f) золотника
manicotto (m) del cassetto
caja (f) del distribuidor ó de distribución

9 Rippe (f) der Schieberbüchse
rib *or* bridge of the valve liner
barrette (f) du cylindre du tiroir

a

ребро (n) *или* простѣнокъ (m) втулки золотника
nervatura (f) del manicotto del cassetto
barreta (f) de la caja del distribuidor

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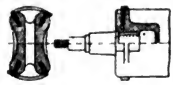
Corlisshahn (m), Drehschieber (m)
revolving *or* rotating valve
obturateur (m) cylindrique *ou* oscillant



поворотный золотникъ (m); кранъ (m) Корлисса
cassetto (m) girevole
obturador (m) oscilante *1*

Kanalschieber (m), Trickscher Schieber (m)
port-valve (A), Trick valve
tiroir (m) à canal, tiroir (m) Trick

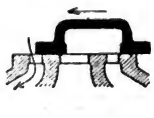
золотникъ (m) съ каналомъ; золотникъ Трика
cassetto (m) a doppio passaggio di Trick
válvula (f) de Trick *6* de canal *2*

---

innere Einströmung (f)
inside admission
admission (f) intérieure

внутренній впускъ (m)
ammissione (f) interna
admisión (f) interior *3*

äußere Einströmung (f)
outside admission
admission (f) extérieure



наружный впускъ (m)
ammissione (f) esterna
admisión (f) exterior *4*

---

getrennte Schieber (m pl)
separated valves (pl)
tiroirs (m pl) séparés

отдѣльные золотники (m pl)
cassetti (m pl) divisi
distribuidores (m pl) separados *5*

Einlaßschieber (m)
admission valve
tiroir (m) d'admission

впускной золотникъ (m)
cassetto (m) d'ammissione
distribuidor (m) de admisión *6*

Auslaßschieber (m)
exhaust valve
tiroir (m) d'échappement

выпускной золотникъ (m)
cassetto (m) di scappamento
distribuidor (m) de escape *7*

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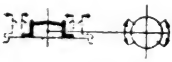
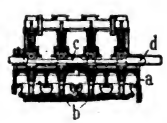
schleichende Schieberbewegung (f)
creeping valve motion
mouvement (m) ralenti du tiroir (à fond de course)



медленное *или* ползучее движеніе (n) золотника
movimento (m) strisciante del cassetto
movimiento (m) lento del distribuidor *8*

Ventilsteuerung (f) (nach Lentz)
poppet valve gear
distribution (f) par soupapes (de Lentz)



клапанное распредѣленіе (n) [Лентца]
distribuzione (f) a valvola
distribución (f) por obturadores (de Lentz) *9*

Ventilkasten (m)
poppet valve casing
boîte (f) de la soupape, chapelle (f) de soupape

a

клапанная коробка (f); коробка клапана
camera (f) *o* cassetto (m) delle valvole
caja (f) de obturador *10*

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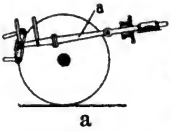
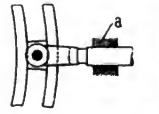
1	Ventilspindel (f) valve rod tige (f) de soupape	b	шпиндель (m) клапана stelo (m) della valvola vástago (m) de obturador
2	Hubkurve (f) curved lifting projections, valve lifting curves courbe (f) de came	c	дуговые подъёмные выступы (m pl) curva (f) di corsa curva (f) de leva
3	Hubkurvenstange (f) curve rod, rod with lifting projections in the form of curves tige (f) à cames	d	стержень (m) съ дуговыми подъёмными выступами; фасонный штокъ (m) biella (f) per corsa in curva vástago (m) de levas
4	äußere Steuerungsteile (m pl) external valve parts *or* motion organes (m pl) de distribution extérieurs		внѣшніе распредѣлительные органы (m pl) organi (m pl) di distribuzione esterni órganos (m pl) de distribución exteriores
5	Schieberschubstange (f) valve rod *or* spindle bielle (f) (de commande) *ou* tige (f) du tiroir	 a	золотниковый штокъ (m); золотниковая тяга (f) *или* скалка (f) asta (f) di comando del cassetto biela (f) del distribuidor
6	bajonettförmige Schieberstange (f) off-set valve rod tige (f) de tiroir à baïonnette		баіонетный золотниковый штокъ (m); штыкообразная золотниковая тяга (f) *или* скалка (f) asta (f) di comando del cassetto a baionetta vástago (m) de bayoneta del distribuidor
7	Schieberstangenführung (f) valve rod guide guide (m) de la tige de tiroir		направляющая (f) золотниковаго штока; направляющая золотниковой тяги *или* скалки guida (f) dell'asta di comando del cassetto guía (f) del vástago del distribuidor
8	Prismenführung (f) sliding guide guide (m) à douille		призматическая направляющая (f) guida (f) quadra del cassetto guía (f) prismática
9	Gleitauge (n) guide sleeve douille-guide (f)	a	направляющее отверстіе (n) occhio (m) di guida ojo-guía (m)

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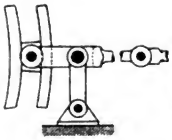
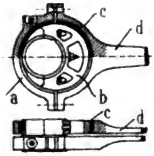
Schwingenführung (f), Lenkerführung (f)
swing link guide
guidage (m) à articulation



качающаяся направляющая (f)
guida (m) a pendolo
guía (f) articulada
1

Exzenter (n)
eccentric
excentrique (m)



эксцентрикъ (m)
eccentrico (m)
excéntrico (m)
2

Exzenterring (m)
eccentric strap
collier(m) d'excentrique

a

хомутъ (m) эксцентрика
collare (m) dell'eccentrico
collar (m) del excéntrico
3

Exzenterscheibe (f)
eccentric sheave
plateau (m) d'excentrique

b

эксцентриковый дискъ (m); эксцентриковая шайба (f)
disco (m) dell'eccentrico
disco (m) del excéntrico
4

Exzentereinlage (f), Exzenterfutter (n)
eccentric strap liner
garniture (f) intérieure d'excentrique

c

прокладка (f) эксцентрика
guarnizione (f) interna dell'eccentrico
guarnición (f) interior del excéntrico
5

Exzenterstange (f)
eccentric rod
barre (f) *ou* bielle (f) d'excentrique

d

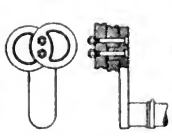
эксцентриковая тяга (f) *или* скалка (f)
asta (f) dell'eccentrico
barra (f) de excéntrico
6

---

gekröpfte Exzenterstange (f)
eccentric rod with set
tige (f) d'excentrique coudée

колѣнчатая эксцентриковая тяга (f)
asta (f) dell'eccentrico articolata
barra (f) de excéntrico acodada
7

Doppelexzenter (n)
double eccentric
excentrique (m) double



двойной эксцентрикъ (m)
eccentrico (m) doppio
excéntrico (m) doble
8

---

die Exzenter verstellen (v)
to change the position of the eccentric
changer (v) la position des excentriques

переставить эксцентрики
spostare (v) l'eccentrico
regular (v) los excéntricos
9

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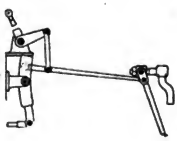
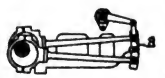
1 Schwingensteuerung (f)
link motion valve gear
distribution (f) à coulisse



кулиссное парораспредѣленіе (n); распредѣленіе (n) кулиссою; кулиссный механизмъ (m)
distribuzione (f) a glifo *od* a settore
distribución (f) de corredera *ó* sector

---

2 Stephenson-Steuerung (f), Steuerung (f) mit senkrecht verstellbarer Schwinge
Stephenson link motion
distribution (f) à coulisse de Stephenson (à relevage droit)



распредѣленіе (n) Стефенсона; кулисный механизмъ (m) Стефенсона; [распредѣленіе съ вертикально переставляемой кулиссой]
distribuzione (f) a glifo di Stephenson
distribùción (f) Stephenson, corredera (f) de Stephenson

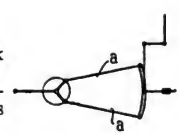
---

3 bewegliche Schwinge (f)
movable link
coulisse (f) mobile

подвижная кулисса (f)
glifo (m) *o* settore (m) mobile
corredera (f) móvil

---

4 offene Stephenson-Steuerung (f)
Stephenson open link motion
distribution (f) Stephenson à barres ouvertes *ou* droites



распредѣленіе (n) Стефенсона съ открытыми тягами
distribuzione (f) Stephenson ad aste aperte
distribución (f) Stephenson de barras derechas *ó* de bielas abiertas

---

5 offene Stangen (f pl)
open rods
barres (f pl) ouvertes

открытыя тяги (f pl)
aste (f pl) aperte
varillas (f pl) derechas

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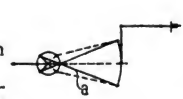
6 gekreuzte Stephenson-Steuerung (f)
Stephenson link motion with crossed rods
distribution (f) Stephenson à barres croisées



распредѣленіе (n) Стефенсона съ перекрещенными тягами
distribuzione (f) Stephenson ad aste incrociate
distribución (f) Stephenson de barras cruzadas

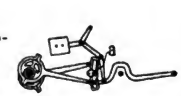
---

7 gekreuzte Stangen (f pl)
crossed rods
barres (f pl) croisées

перекрещенныя тяги (f pl)
aste (f pl) incrociate
barras (f pl) cruzadas

---

8 Gooch-Steuerung (f), Steuerung (f) mit senkrecht verstellbarer Schieberschubstange
Gooch link motion
distribution (f) Gooch (à relevage droit des barres)



распредѣленіе (n) Гука [съ вертикально переставляемымъ золотниковымъ штокомъ *или* вертикально переставляемой золотниковой скалкой]
distribuzione (f) Gooch *od* ad asta spostabile verticalmente
distribución (f) Gooch

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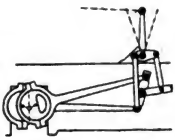
festgelagerte Schwinge (f)
fixed link
coulisse (f) fixe

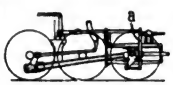


неподвижная кулисса (f)
glifo (m) *o* settore (m) fisso
corredera (f) fija

Allan-Steuerung (f), Steuerung (f) mit senkrecht verstellbarer Schwinge und Schieberschubstange
Allan straight line link motion
distribution (f) Allan (relevage de la coulisse et de la barre)

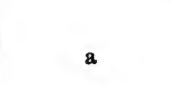
распредѣленіе (n) Аллана; [распредѣленіе съ вертикально перемѣщаемой кулиссой и золотниковой тягой *или* золотниковой скалкой] *2*
distribuzione (f) Allan *od* ad asta e glifo spostabili verticalmente
distribución (f) Allan

Heusinger-Steuerung (f), Steuerung (f) mit Gegenhebel
Walschaert's *or* Heusinger link motion *or* valve gear
distribution (f) Walschaert *ou* Heusinger



распредѣленіе(n) Вальсхарта *или* Гейзингера; распредѣленіе съ качающимся рычагомъ *или* съ маятникомъ *3*
distribuzione (f) Heusinger *od* a controleva
distribución (f) Walschaert *ó* Heusinger

Gegenhebel (m), Voreilhebel (m), Pendel (n)
combination *or* lap and lead lever
levier (m) d'avance



качающійся рычагъ (m); маятникъ (m)
leva (f) oscillante, pendolo (m)
palanca (f) de avance *4*

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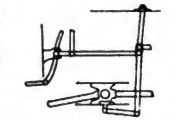
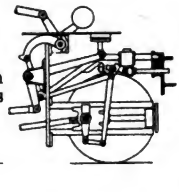
gelenkige Aufhängung (f) des Gegenhebels
articulated suspension of the combination lever
suspension (f) articulée du levier d'avance



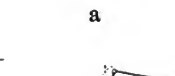
подвѣшеніе (n) маятника на шарнирахъ
sospensione (f) articolata della leva oscillante
suspensión (f) articulada de la palanca de avance *5*

Winkelhebelsteuerung (f)
bell-crank link motion
distribution (f) à leviers coudés



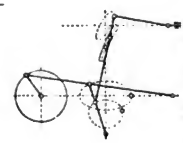
распредѣленіе (n) угловыми рычагами
distribuzione (f) con leva a squadra *6*
distribución (f) por palanca angular

Lenkstange (f), Lenker (m)
guide rod
bielle (f) articulée



направляющая серьга (f) *или* тяга (f)
biella (f) di guida
biela (f) articulada *7*

Ellipsensteuerung (f)
elliptical motion *or* valve gear
distribution (f) elliptique



эллиптическое паропаспредѣленіе (n)
distribuzione (f) ellittica
distribución (f) elíptica *8*

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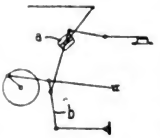
Joy-Steuerung (f), Ellipsensteuerung (f) mit Gleitführung
Joy link motion *or* valve gear
1 distribution (f) Joy, distribution (f) elliptique avec guidage à coulisse



распредѣленіе (n) Джоя; эллиптическое распредѣленіе ползушкой
distribuzione (f) Joy
distribución (f) Joy, distribución (f) elíptica con guía corredera

Gleitführung (f)
2 radius link
guidage (m) à coulisse

a

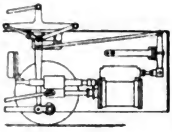
ползушка (f)
guida (m) a glifo
guía (f) de corredera

Gegenlenker (m)
3 stirrup link
bras (m) de rappel

b

маятникъ (m)
bilanciere (m)
balancín (m), palanca (f) de retroacción

Ellipsensteuerung (f) mit Lenkerführung
elliptical motion with
4 link guide
distribution (f) elliptique avec bras de rappel

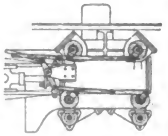


эллиптическое распредѣленіе (n) съ маятникомъ
distribuzione (f) ellittica con controbiella
distribución (f) elíptica con balancín

auslösende Steuerung (f)
5 releasing valve motion
distribution (f) à déclic

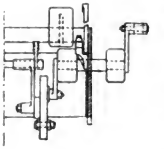
распредѣленіе (n) съ расцѣпленіемъ
distribuzione (f) a scatto
distribución (f) de escape

Rundschiebersteuerung (f), Steuerung (f) von Durant-Lencauchez
Durant-Lencauchez
6 valve motion *or* gear
distribution (f) à soupapes cylindriques *ou* Durant-Lencauchez



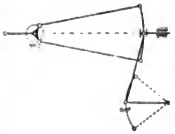
распредѣленіе (n) Дюранъ-Ланкоше; распредѣленіе круглыми золотниками или кранами
distribuzione (f) Durant-Lencauchez
distribución (f) por válvula giratoria ó de Durant-Lencauchez

Steuerung (f) mit Zwischenwelle
valve motion with in-
7 termediate *or* rocking shaft
distribution (f) avec arbre intermédiaire



распредѣленіе (n) съ промежуточнымъ валомъ
distribuzione (f) con albero intermediario
distribución (f) con árbol intermedio

Steuerung (f) mit zwei Exzentern
valve motion with two
8 eccentrics
distribution (f) à deux excentriques



распредѣленіе (n) съ двумя эксцентриками
distribuzione (f) a due eccentrici
distribución (f) de dos excéntricos

Steuerung (f) mit einem Exzenter
valve motion with one
9 eccentric
distribution (f) à [un seul] excentrique

распредѣленіе (n) съ однимъ эксцентрикомъ
distribuzione (f) ad un eccentrico
distribución (f) de un solo excéntrico

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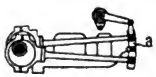
Steuerung (f) ohne Exzenter
valve motion without eccentric
distribution (f) sans excentrique

распредѣленіе (n) безъ эксцентрика
distribuzione (f) senza eccentrico
distribución (f) sin excéntrico
1

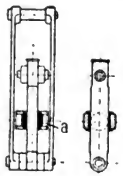
Schwinge (f), Kulisse (f)
link, Stephenson link
coulisse (f)



a

кулисса (f)
glifo (m), settore (m)
sector (m), corredera (f) de Stephenson
2

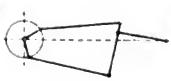
Schwingenstein (m), Kulissenstein (m)
slide *or* die block
coulisseau (m)



a

кулиссный камень (m)
corsoio (m)
taco (m)
3

gerade Schwinge (f) *oder* Kulisse (f)
straight link
coulisse (f) droite

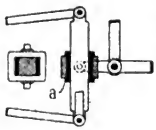


прямая кулисса (f)
glifo (m) diritto
sector (m) derecho, corredera (f) derecha
4

gekrümmte Schwinge (f) *oder* Kulisse (f)
curved link
coulisse (f) cintrée

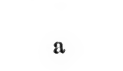
дуговая кулисса (f)
glifo (m) ad arco
sector (m) curvo
5

Stangenschwinge (f), Klotzschwinge (f)
bar link
coulisse (f) à levier oscillant et coulisseau



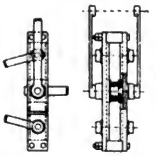
кулисса (f) съ двумя тягами
glifo (m) a sbarre
corredera (f) de palanca oscilante y taco
6

umfassenderSchwingenstein (m)
block enclosing the link
coulisseau (m) embrassant la coulisse



обхватывающій кулиссный камень (m)
corsoio (m) abbracciante
corredera (f) de caja
7

Taschenschwinge (f)
box link
coulisse (f) à flasques



сумкообразная кулисса (f)
glifo (m) a due piastre parallele
corredera (f) de chapas laterales
8

geschlossene Schwinge (f)
closed link
coulisse (f) fermée

замкнутая *или* закрытая кулисса (f)
glifo (m) chiuso
sector (m) cerrado
9

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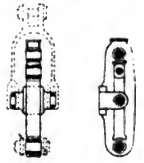
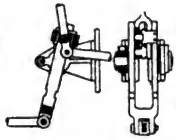


1 Schlitzschwinge (f)
slotted link
coulisse (f) découpée

кулисса (f) съ прорѣзомъ
glifo (m) ad apertura oblunga
corredera (f) recortada

2 offene Schwinge (f)
open link
coulisse (f) ouverte

открытая кулисса (f)
glifo (m) aperto
sector (m) abierto

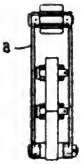


3 gabelförmige Schwinge (f)
forked link
coulisse (f) à fourche

вилкообразная *или* вильчатая кулисса (f)
glifo (m) biforcato
sector (m) ahorquillado

4 einseitige Aufhängung (f) der Schwinge
one-sided *or* single suspension of link
suspension (f) unilatérale *ou* par une bielle de la coulisse

односторонее подвѣшиваніе (n) кулиссы
sospensione (f) unilaterale del glifo
suspensión (f) unilateral *ó* por una biela del sector



5 zweiseitige Aufhängung (f) der Schwinge
two-sided *or* double suspension of link
suspension (f) par deux bielles *ou* bilatérale de la coulisse

двустороннее подвѣшиваніе (n) кулиссы
sospensione (f) bilaterale del glifo
suspensión (f) bilateral *ó* por dos bielas del sector

6 Hängestange (f)
suspension link, hanger
barre (f) *ou* bielle (f) de suspension

подвѣсная тяга (f)
tirantino (m) di sospensione
biela (f) *ó* barra (f) de suspensión

7 seitliche Ausweichung (f)
lateral deviation
déviation (f) latérale, déplacement (m) latéral

отклоненіе (n) въ сторону
deviazione (f) laterale
desviación (f) lateral

8 die Schwinge (Schubstange) heben (v)
to lift the link
relever (v) la coulisse (la barre de relevage)

поднять кулиссу (шатунъ)
rialzare (v) il glifo *o* l'asta motrice
levantar (v) el sector (la biela)

9 die Schwinge (Schubstange) senken (v)
to lower the link
abaisser (v) la coulisse (la barre de relevage)

опустить кулиссу (шатунъ)
abbassare (v) il glifo [la bielletta] *o* l'asta motrice
bajar (v) el sector [la biela]

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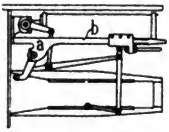


Schwingenlager (n)
link fulcrum
attache (m) de coulisse

подшипникъ (m) кулиссы
sopporto (m) del glifo
soporte (m) del sector

1

a

Verbindungsgabel (f)
valve motion cradle, combined valve spindle guide and valve motion cradle
fourche (f) d'assemblage

соединительная вилка (f)
forcella (f) di collegamento
horquilla (f) de unión

b

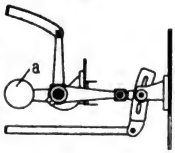
2

Steuerwelle (f)
reversing *or* weigh-bar shaft
arbre (m) de relevage

переводной валъ (m)
albero (m) di comando
árbol (m) de cambio de marcha

3

a



Gegengewicht (n). der Steuerung
balance weight of valve gear
contrepoids (m) de la distribution

кулиссный противовѣсъ (m)
contrapeso (m) della distribuzione
contrapeso (m) de la distribución

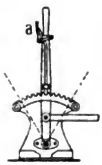
4

a

Umsteuerung (f)
reversal
renversement (m) de marche, changement (m) de marche

перемѣна (f) направленія движенія
inversione (f) *o* cambiamento (m) di marcia
cambio (m) de marcha

5



Steuerhändel (n), Steuerhebel (m)
reversing lever
levier (m) de changement de marche

переводный *или* перекидной рычагъ (m)
leva (f) di comando della distribuzione
palanca (f) de cambio de marcha

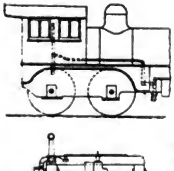
6

Falle (f), Klinke (f)
trigger, pawl, latch
cliquet (m), verrou (m)

щеколда (f); защёлка (f)
nottolino (m)
trinquete (m), gatillo (m)

a

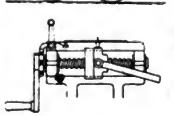
7



Hebelsteuerung (f), Händelsteuerung (f)
lever reversing gear
changement (m) de marche à levier

рычажный реверсъ (m)
cambiamento (m) di marcia a leva
cambio (m) de marcha de palanca

8



Steuerschraube (f)
reversing screw
vis (f) de changement de marche

переводный винтъ (m)
vite (f) del cambiamento di marcia
tornillo (m) de cambio de marcha

9

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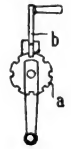
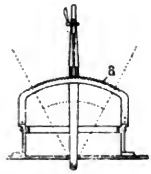
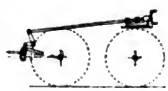
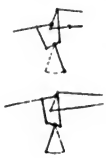
1	Sperrrad (n) notch plate roue (f) à rochet	 a	храповое колесо (n); храповикъ (m) ruota (f) d'arresto rueda (f) de trinquete
2	Sperrklinke (f) pawl, catch cliquet (m) d'arrêt	b	защёлка (f); собачка (f); задержка (f) nottolino (m) d'arresto gatillo (m) de cierre
3	Steuerungsbock (m) reversing gear control bracket chevalet (m) du changement de marche		станина (f) рычажнаго реверса cavalletto (m) della timoneria *o* di comando soporte (m) del cambio de marcha
4	Zahn (m) tooth dent (f)	a	зубъ (m) dente (m) diente (m)
5	Schraubensteuerung (f) screw reversing changement (m) de marche à vis		винтовой реверсъ (m) cambiamento (m) di marcia a vite cambio (m) de marcha por tornillo
6	die Steuerung verlegen (v) to alter *or* change the valve gear manœuvrer (v) le changement de marche		переложить *или* перекинуть реверсъ manovrare (v) il cambiamento di marcia maniobrar (v) el cambio de marcha
7	die Steuerung zurücklegen (v) to reverse the gear renverser (v) la marche		перемѣстить реверсъ назадъ; поставить реверсъ на задній ходъ invertire (v) il cambiamento di marcia invertir (v) el cambio de marcha
8	die Steuerung umlegen (v) *oder* auf rückwärts legen (v) to reverse the gear, to throw into back gear manœuvrer (f) la distribution pour le changement de marche en arrière		перестав-ить (лять) реверсъ; поставить реверсъ на обратный ходъ invertire (v) la marcia maniobrar (v) la distribución para el cambio de marcha atrás

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voll ausgelegte Steuerung (f)
motion in full gear
changement (m) de marche placé à fond de course

реверсъ (m) въ крайнемъ положеніи; выложенный реверсъ
cambiamento (m) di marcia posto in fondo di corsa 1
cambio (m) de marcha puesto en la posición extrema

---

mit ausgelegter Steuerung anfahren (v)
to start in full gear *or* with gear right home
démarrer (v) avec le levier du changement de marche à fond de course

пустить въ ходъ съ реверсомъ на выкладку
avviare (v) col cambiamento di marcia in fondo di corsa 2
arrancar (v) con el cambio de marcha puesto en la posición extrema

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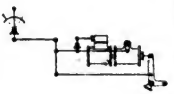
Hilfsumsteuerung (f)
auxiliary reversing gear
changement (m) de marche par servo-moteur

вспомогательный реверсъ (m)
cambiamento (m) di marcia ausiliare 3
cambio (m) de marcha por servo-motor

Dampfumsteuerung (f), Dampfsteuerung (f)
steam reversing gear
changement (m) de marche à vapeur



паровой реверсъ (m)
cambiamento (m) di marcia a vapore 4
cambio (m) de marcha á vapor

Glyzerinzylinder (m)
glycerine *or* cataract cylinder
cylindre (m) à glycérine, cataracte (f)

глицериновый цилиндръ (m)
cilindro (m) a glicerina 5
cilindro (m) de glicerina

Hilfsluftsteuerung (f)
auxiliary pneumatic gear
changement (m) de marche auxiliaire à air comprimé *ou* à servo-moteur

вспомогательный воздушный реверсъ (m)
cambiamento (m) di marcia ausiliare ad aria compressa 6
cambio (m) de marcha auxiliar por aire comprimido ó por servo-motor

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Verbundlokomotive
Compound Locomotive
Locomotive compound

Паровозъ компаундъ
Locomotiva composita
Locomotora de expansión múltiple 7

Zwillingswirkung (f)
twin action *or* working
fonctionnement (m) de cylindres jumelés *ou* à simple expansion

однократное расширеніе (n)
azione (f) dell'espansione semplice 8
funcionamiento (m) de cilindros gemelos ó á simple expansión

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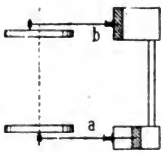
1 Verbundwirkung (f)
compound action *or* working
fonctionnement (m) compound

компаундъ (m); система (f) компаундъ
azione (f) dell'espansione multipla
funcionamiento (m) compound

2 Anwendung (f) der Verbundwirkung
compounding
compoundage (m)

примѣненіе (n) системы компаундъ; примѣненіе двукратнаго расширенія
applicazione (f) del compoundaggio
aplicación (f) del sistema compound

3 Hochdruckseite (f)
high pressure side
côté (m) à haute pression



a

сторона (f) высокаго давленія
lato (m) dell'alta pressione
lado (m) de alta presión

4 Niederdruckseite (f)
low pressure side
côté (m) à basse pression

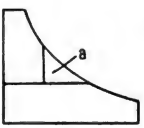
b

сторона (f) низкаго давленія
lato (m) della bassa pressione
lado (m) de baja presión

5 zweifache *oder* zweistufige Dampfdehnung (f)
double *or* compound *or* two stage expansion
double expansion (f), double détente (f)

двукратное *или* двойное расширеніе (n) пара
doppia espansione (f)
expansión (f) doble

6 Spannungssprung (m)
jump *or* sudden drop in pressure
changement (m) brusque de pression



a

рѣзкое измѣненіе (n) давленія; скачокъ (m) [въ измѣненіи] давленія
cambiamento (m) brusco di pressione
cambio (m) brusco de la presión

7 Arbeitsverteilung (f)
distribution of work
répartition (f) du travail

распредѣленіе (n) работы
ripartizione (f) del lavoro
distribución (f) del trabajo

8 gleiche Arbeitsverteilung (f) auf beide Maschinenseiten
equal distribution of work on both engine sides
répartition (f) uniforme du travail sur les deux côtés de la locomotive

равномѣрное распредѣленіе (n) работы на обѣ стороны паровоза
ripartizione (f) uguale del lavoro su ambo i lati della locomotiva
distribución (f) uniforme del trabajo en ambos lados de la locomotora

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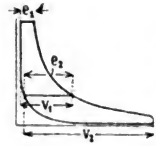
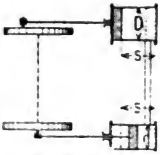
Ungleichmäßigkeit (f) der Arbeitsverteilung inequality in the distribution of work inégalité (f) de la répartition du travail		неравномѣрность (f) распредѣленія работы disuguaglianza (f) di ripartizione del lavoro desigualdad (f) de la distribución del trabajo
Hochdruckfüllung (f) high pressure admission *or* cut-off [degré (m) d'] admission (f) [dans le cylindre] à haute pression	 $\varepsilon_1 = \frac{e_1}{v_1}$	наполненіе (n) [цилиндра] высокаго давленія grado (m) d'ammissione ad alta pressione [grado (m) de] admisión (f) en el cilindro de alta presión
Niederdruckfüllung (f) low-pressure admission *or* cut-off [degré (m) d'] admission (f) [dans le cylindre] à basse pression	$\varepsilon_2 = \frac{e_2}{v_2}$	наполненіе (n) [цилиндра] низкаго давленія grado (m) d'ammissione a bassa pressione [grado (m) de] admisión (f) en el cilindro de baja presión
zusammengehörige Füllungen (f pl) simultaneous admissions *or* cut-offs admissions (f pl) correspondantes		согласованныя наполненія (n pl) ammissioni (f pl) contemporanee admisiones (f pl) correspondientes
Ungleichheit (f) der Füllungsgrade inequality of admissions inégalité (f) des degrés d'admission		неравенство (n) степеней наполненія disuguaglianza (f) dei gradi d'ammissione desigualdad (f) de los grados de admisión
Füllungsunterschied(m) difference in admission différence (f) d'admission		разность (f) наполненій differenza (f) d'ammissione diferencia (f) de admisión
Füllungsverhältnis (n) ratio of admission *or* cut-off rapport (m) d'admission		отношеніе (n) степеней наполненія; отношеніе наполненій rapporto (m) d'ammissione relación (f) de admisión
Zylinderverhältnis (n), Zylinderraumverhältnis (n) cylinder ratio rapport (m) volumétrique des cylindres	 $d^2 \cdot s : D^2 \cdot s$	отношеніе (n) объёмовъ цилиндровъ rapporto (m) volumetrico dei cilindri relación (f) de los volumenes de los cilindros
Hochdruckspannung (f) high pressure haute pression (f)		высокое давленіе (n) alta pressione (f) alta presión (f)

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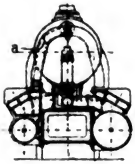
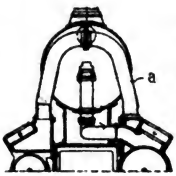
1 Hochdruckleitung (f), Frischdampfleitung (f) high pressure pipes tuyau (m) *ou* conduite (f) à haute pression



a

паропроводъ (m) высокаго давленія
condotta (f) dell' alta pressione
conducto (m) de alta presión

2 Verbinder (m), Überströmrohr (n) receiver, connecting pipe réservoir (m) intermédiaire, receiver (m)



a

ресиверъ (m); промежуточная труба (f); соединительная труба
tubo (m) intermedio, ricevitore (m)
tubo (m) de unión, recipiente (m) *ó* reservorio (m) intermediario

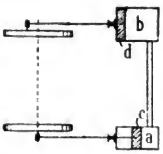
3 Verbinderspannung (f) receiver pressure pression (f) dans le réservoir intermédiaire *ou* receiver

давленіе(n)въ ресиверѣ
pressione (f) nel ricevitore
presión (f) en el recipiente *ó* reservorio intermediario

4 Verbinderinhalt (m) receiver volume capacité (f) du réservoir intermédiaire *ou* receiver

ёмкость (f) ресивера
capacità (f) del ricevitore
capacidad (f) del recipiente *ó* reservorio intermediario

5 Hochdruckzylinder (m) high pressure cylinder cylindre (m) à haute pression



a

цилиндръ (m) высокаго давленія; малый цилиндръ
cilindro (m) ad alta pressione
cilindro (m) de alta presión

6 Niederdruckzylinder(m) low pressure cylinder cylindre (m) à basse pression

b

цилиндръ (m) низкаго давленія; большой цилиндръ
cilindro (m) a bassa pressione
cilindro (m) de baja presión

7 Hochdruckkolben (m) high pressure piston piston (m) pour haute pression

c

поршень (m) цилиндра высокаго давленія
stantuffo (m) ad alta pressione
émbolo (m) de alta presión

8 Niederdruckkolben (m) low pressure piston piston (m) pour basse pression

d

поршень (m) цилиндра низкаго давленія или большого цилиндра
stantuffo (m) a bassa pressione
émbolo (m) de baja presión

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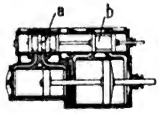
Hochdruckschieber (m)
high pressure slide valve
tiroir (m) pour haute pression



a

золотникъ (m) цилиндра высокаго давленія
cassetto (m) ad alta pressione
distribuidor (m) de alta presión

1

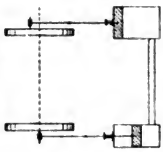
Niederdruckschieber(m)
low pressure slide valve
tiroir (m) pour basse pression

b

золотникъ (m) цилиндра низкаго давленія *или* большого цилиндра
cassetto (m) a bassa pressione
distribuidor (m) de baja presión

2

Zweizylinderverbundlokomotive (f)
two-cylinder compound *or* cross compound locomotive
locomotive(f) compound à deux cylindres



паровозъ (m) компаундъ съ двумя цилиндрами; двухцилиндровый локомотивъ (m) съ двукратнымъ расширеніемъ
locomotiva (f) ad espansione multipla a due cilindri
locomotora (f) compound de dos cilindros

3

Dreizylinderverbundlokomotive (f)
three-cylinder compound locomotive
locomotive (f) compound à trois cylindres

паровозъ (m) компаундъ съ тремя цилиндрами; трёхцилиндровый локомотивъ(m)съ двукратнымъ расширеніемъ
locomotiva (f) compound a tre cilindri
locomotora (f) compound de tres cilindros

4

Drillingswirkung (f)
triple action
action (f) combinée de trois cylindres indépendants

система (f) тройного расширенія
azione (f) a tre cilindri eguali
acción (f) combinada triple [de tres cilindros independientes]

5

Vierzylinderverbundlokomotive (f)
four-cylinder compound locomotive
locomotive (f) à quatre cylindres

паровозъ (m) компаундъ съ четырьмя цилиндрами; четырёхцилиндровый локомотивъ (m) съ двукратнымъ расширеніемъ
locomotiva(f)compound a quattro cilindri
locomotora (f) compound de cuatro cilindros

6

Tandem-Bauart (f)
tandem type
disposition (f) en tandem

система (f) тандемъ
costruzione (f) a tandem
disposición (f) en tandem

7

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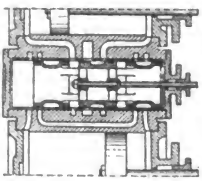
1

Verbundanordnung (f) mit gemeinsamem Schieber (nach Vauclain)
Vauclain type, compound arrangement with common slide valve
disposition (f) de Vauclain, disposition (f) compound avec tiroir de distribution commun

система (f) Воклэна; система компаундъ съобщимъ золотникомъ
disposizione (f) con cassetto di distribuzione comune, tipoVauclain
disposición (f) de Vauclain con válvula de distribución comun

2

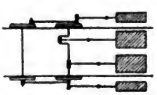
Steuerung (f) durch gemeinsamen Schieber
distribution by common slide valve
distribution (f) par tiroir commun



распредѣленіе (n) общимъ золотникомъ
distribuzione (f) a cassetto comune
distribución (f) por distribuidor común

3

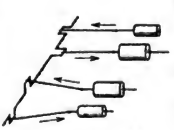
außenliegende Hochdruckzylinder (m pl), Verbundanordnung (f) nach Webb
high-pressure cylinders outside, Webb's compound system, balanced compound locomotive
cylindres (m pl) à haute pression extérieurs, disposition (f) compound Webb



расположеніе (n) компаундъ Вебба; внѣшнее расположеніе цилиндровъ высокаго давленія
disposizione (f) con cilindri esterni ad alta pressione, tipo Webb ad espansione multipla
cilindros (m pl) de alta presión exteriores, disposición (f) compound de Webb

4

um 90° versetzte Kurbelpaare (n pl)
pairs of cranks placed at 90° *or* at right angles
paires (f pl) de manivelles à 90°



кривошипы (m pl), расположенные попарно подъ угломъ въ девяносто градусовъ
coppie (f pl) di manovelle disposte a 90°
pares (m pl) de manivelas á 90 grados

5

gegenläufige Kolbenbewegung (f)
movement of pistons in the opposite direction to each other
course (f) des pistons en sens contraire l'un de l'autre

противоположное движеніе (n) сосѣднихъ поршней
corsa (f) dello stantuffo in senso inverso
carrera (f) de los émbolos en sentidos invertidos

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innenliegende Hochdruckzylinder (m pl), Verbundanordnung (f) nach v. Borries
inside high pressure cylinders, Borries' compound arrangement
cylindres (m pl) à haute pression intérieurs, disposition (f) compound de von Borries

внутренніе цилиндры (m pl) высокаго давленія; внутренніе малые цилиндры; система (f) компаундъ Борриса съ внутренними цилиндрами высокаго давленія
cilindri (m pl) ad alta pressione interni, disposizione (f) ad espansione multipla di von Borries *1*
disposición (f) compound de von Borries con cilindros de alta presión interiores

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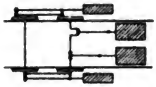
Verbundanordnung (f) mit zwei Triebachsen
compound arrangement with two driving axles
disposition (f) compound à deux essieux moteurs



система (f) компаундъ съ двумя ведущими *или* движущими осями
disposizione (f) ad espansione multipla a due assi motori *2*
disposición (f) compound de dos ejes motores

Anfahrvorrichtung (f)
starting gear *or* arrangement
appareil (m) de démarrage, démarreur (m)

приборъ (m) отправленія; приборъ для троганія съ мѣста
apparecchio (m) d'avviamento *3*
aparato (m) de arranque

---

selbsttätige Anfahrvorrichtung (f)
automatic starting gear
démarreur (m) automatique

автоматическій приборъ (m) отправленія; самодѣйствующій приборъ для троганія съ мѣста
apparecchio (m) d'avviamento automatico *4*
aparato (m) de arranque automático

Absperrung (f) des Hochdruckzylinders
shutting off the high pressure cylinder
separation (f) du cylindre à haute pression

запираніе (n) *или* разобщеніе (n) цилиндра высокаго давленія
chiusura (f) del cilindro d'alta pressione *5*
separación (f) del cilindro de alto presión

Anfahrhahn (m)
starting cock
robinet (m) de démarrage

кранъ (m) отправленія; кранъ для троганія съ мѣста
robinetto (m) d'avviamento *6*
grifo (m) de arranque

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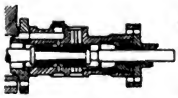
1 Anfahrschieber (m)
starting slide valve
tiroir (m) de démarrage

золотникъ (m) отправленія
cassetto (m) d'avviamento
válvula (f) de arranque

2 Anfahrventil (n)
starting valve
soupape (f) *ou* clapet (m) de démarrage

клапанъ (m) отправленія
valvola (f) di avviamento
obturador (m) de arranque

3 Steuerkolben (m)
distribution piston
piston (m) distributeur



распредѣлительный поршень (m)
stantuffo (m) distributore
émbolo (m) distribuidor

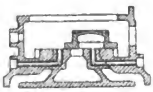
4 Nachfüllung (f) des Hochdruckzylinders
after-admission into the high pressure cylinder
admission (f) subséquente dans le cylindre à haute pression

добавочный впускъ (m) въ малый цилиндръ *или* въ цилиндръ высокаго давленія
riammissione (f) al cilindro ad alta pressione
admisión (f) subsiguiente en el cilindro de alta presión

5 Rückdruck (m) auf den Hochdruckkolben
back pressure on the high-pressure piston
contre-pression (f) sur le piston à haute pression

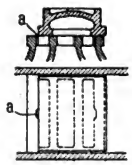
противодавленіе (n) на малый поршень *или* на поршень высокаго давленія
contropressione (f) sullo stantuffo ad alta pressione
contra-presión (f) sobre el émbolo de alta presión

6 Bohrung (f) im Schieberspiegel
bore hole in the port face
canal (m) dans la glace du tiroir



просверленное отверстіе (n) въ золотниковомъ зеркалѣ
foratura (f) nello specchio del cassetto
agujero (m) en la tabla ó el espejo del distribuidor

7 Einkerbung (f) in der Schieberfläche
notch *or* groove in the valve seat
canal (m) dans la glace du tiroir



пазъ (m) въ золотниковомъ зеркалѣ
incavo (m) nella superficie del cassetto
abertura (f) en el espejo del distribuidor

a

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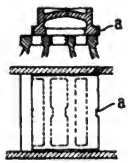
Einkerbung (f) im Schieberlappen
notch *or* groove in the valve flange
canal (m) dans le [bord de] recouvrement du tiroir

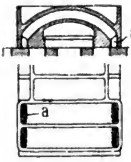


a

паз (m) въ лапѣ золотника
incavo (m) nel piede d'appoggio del cassetto
abertura (f) en el recubrimiento del distribuidor

1

Bohrung (f) im Schieberrande
hole *or* bore in the valve edge
canal (m) dans le bord du tiroir



a

отверстіе (n), просверленное въ кромкѣ золотника
foratura (f) all'orlo del cassetto
agujero (m) en el borde del distribuidor

2

Wechselvorrichtung (f)
intercepting arrangement
appareil (m) de commutation

приспособленіе (n) для перемѣны способа дѣйствія
apparecchio (m) di commutazione *o* commutatore
aparato (m) de conmutación

3

Wechselventil (n)
intercepting valve
soupape (f) *ou* clapet (m) de démarrage, valve (f) d'interception

перемѣнный клапанъ (m); клапанъ для перемѣны способа дѣйствія
valvola (f) di commutazione
válvula (f) de arranque *ó* de intercepción

4

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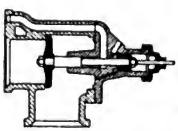
selbsttätiges Wechselventil (n)
automatic intercepting valve
obturateur (m) *ou* soupape (f) de démarrage *ou* d'interruption automatique



автоматическій перемѣнный клапанъ (m); самодѣйствующій клапанъ для перемѣны способа дѣйствія
valvola (f) automatica di commutazione
válvula (f) *ó* obturador (m) de arranque *ó* intercepción automática

5

---

das Wechselventil umstellen (v)
to reverse the intercepting valve
manœuvrer (v) la soupape de démarrage *ou* d'interruption

переставить перемѣнный клапанъ; переставить клапанъ для перемѣны способа дѣйствія
invertire (v) la valvola di commutazione
maniobrar (v) la válvula de arranque *ó* de interrupción

6

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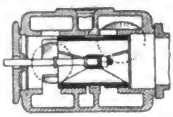
1 Wechselschieber (m), Verteilungsschieber (m)
distribution *or* intercepting valve
tiroir (m) *ou* lanterne (f) de démarrage *ou* d'interruption



перемѣнный золотникъ (m); золотникъ для перемѣны способа дѣйствія; золотниковый переключатель (m)
cassetto (m) d'inversione
distribuidor (m) de inversión

---

2 Druckminderungsventil (n)
pressure reducing valve
soupape (f) réductrice de pression, détendeur (m)

редукціонный клапанъ (m); клапанъ для уменьшенія давленія
valvola (f) riduttrice di pressione
válvula (f) reductora de presión

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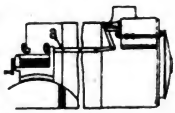
3 Umstellung (f) des Wechselschiebers von Hand
working the intercepting valve by hand
manœuvre (f) du tiroir de démarrage à la main



перестановка (f) перемѣннаго клапана отъ руки; перестановка клапана для перемѣны способа дѣйствія отъ руки
inversione (f) a mano del cassetto di commutazione
inversión (f) por la mano del distribuidor de arranque

---

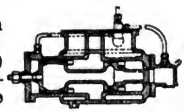
4 Handzug (m)
hand gear
tringle (f) de manœuvre

a

переводная ручная тяга (f); ручной приводъ (m)
tirante (m) di manovra
tirante (m) de maniobra

---

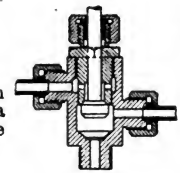
5 Wechselventil (n) mit Dampfumsteuerung
intercepting valve with steam reversing
soupape (f) *ou* valve (f) de démarrage *ou* d'interception manœuvrée à lavapeur



паровой перемѣнный клапанъ (m); паровой клапанъ для перемѣны способа дѣйствія паромъ
valvola (f) di commutazione manovrata a vapore
válvula (f) de arranque accionada por el vapor

---

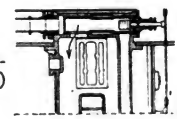
6 Dampfumsteuerventil (n)
steam reversing valve
soupape (f) d'admission de la commande à vapeur de la lanterne de démarrage



клапанъ (m), мѣняющій направленіе пара
valvola (f) d'inversione del vapore
válvula (f) de maniobra á vapor del obturador de arranque

---

7 Drehschieber (m)
rotary valve
lanterne (f) de démarrage, obturateur (m) cylindrique rotatif



[двойной] поворотный золотникъ (m)
valvola (f) d'inversione
obturador (m) cilíndrico (de arranque) giratorio

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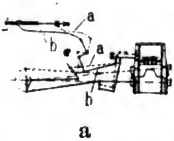
Umströmventil (n)
by[e]-pass valve, relief valve
soupape (f) de communication (des deux faces du piston)

перепускной клапанъ (m)
valvola (f) di passaggio
válvula (f) de comunicación (entre las caras del émbolo) 1

Hochdrucksteuerung (f)
high pressure valve gear
changement (m) de marche de la haute pression



a

парораспредѣленіе (n) высокаго давленія
distribuzione (f) ad alta pressione
distribución (f) de alta presión 2

Niederdrucksteuerung (f)
low pressure valve gear
changement (m) de marche de la basse pression

b

парораспредѣленіе (n) низкаго давленія
distribuzione (f) a bassa pressione
aparato (m) de cambio de marcha de la baja presión 3

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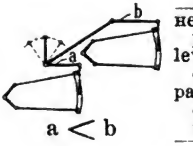
ungleiche Hängestangenhebel (m pl)
unequal suspension rod links *or* lifting arms
leviers (m pl) de relevage inégaux



неравные подвѣсные рычаги (m pl)
leve (f pl) di sospensione disuguali
palancas (f pl) desiguales de las bielas de suspensión 4

---

versetzteHängestangenhebel (m pl)
lifting arms at unequal angles
leviers (m pl) de relevage décalés

подвѣсные рычаги (m pl), смѣщённые другъ относительно друга
leve (f pl) di sospensione del settore
palancas (f pl) de las bielas de suspensión decaladas 5

---

gekuppelte Steuerschrauben (f pl)
duplex reversing screw
vis (f) double de changement de marche

спаренные распредѣлительные винты (m pl)
vite (f) doppia di distribuzione
tornillo (m) doble de cambio de marcha 6

Heißdampflokomotive

Superheated Steam Locomotive

Locomotive à vapeur surchauffée

Паровозъ съ перегрѣтымъ паромъ

Locomotiva a vapore surriscaldato

Locomotora de vapor recalentado 7

---

gesättigter Dampf (m), Sattdampf (m)
saturated steam
vapeur (f) saturée

насыщенный паръ (m)
vapore (m) saturo
vapor (m) saturado 8

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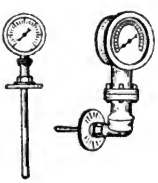
1	Wassergehalt (m) des Dampfes percentage of water in the steam, wettness of steam, water contained in the steam teneur (f) en eau de la vapeur, degré (m) d'humidité de la vapeur		содержаніе (n) *или* количество (n) воды въ парѣ percentuale d'acqua (f) contenuta dal vapore proporción (f) de agua contenida en el vapor
2	Taupunkt (m) dew-point point (m) de condensation		температура (f) росы punto (m) [di formazione] di rugiada *od* asciugare punto (m) de condensación
3	den Dampf trocknen (v) to dry the steam sécher (v) la vapeur		осушать паръ disseccare (v) il vapore secar (v) el vapor
4	getrockneter *oder* trocken gesättigter Dampf (m) dry saturated steam vapeur (f) saturée sèche		сухой паръ (m); сухой насыщенный паръ vapore (m) saturo-asciutto vapor (m) saturado y seco
5	Überhitzung (f) superheating surchauffe (f)		перегрѣвъ (m) surriscaldamento (m) sobrecalefacción (f)
6	überhitzter Dampf (m), Heißdampf (m) superheated steam vapeur (f) surchauffée		перегрѣтый паръ (m) vapore (m) surriscaldato vapor (m) recalentado
7	hochüberhitzter Dampf (m) highly superheated steam vapeur (f) fortement surchauffée		сильно *или* высоко перегрѣтый паръ (m) vapore (m) fortemente *od* altamente surriscaldato vapor (m) fuertemente recalentado
8	Überhitzungswärme (f) heat of superheating chaleur (f) de surchauffe	$c \cdot (t' - t)$	теплота (f) перегрѣва calore (m) surriscaldante calor (m) de recalentamiento ó de sobrecalefacción
9	Dampfwärme (f) heat of steam chaleur (f) de la vapeur		теплота (f) пара calore (m) del vapore calor (m) del vapor
10	Pyrometer (n) pyrometer pyromètre (m)		пирометръ (m) pirometro (m) pirómetro (m)

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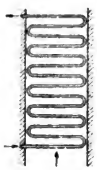
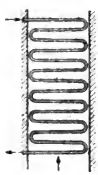
Fernpyrometer (n), Fernthermometer (n) tele-pyrometer télépyromètre (m), pyromètre (m) à distance		телепирометръ (m); телетермометръ (m); указатель (m) температуры на разстояніи telepirometro (m), pirometro (m) a distanza telepirómetro (m)	1
Dampfersparnis (f) saving of steam, steam economy économie (f) de vapeur		сбереженіе (n) *или* экономія (f) пара economia (f) di vapore economía (f) de vapor	2
Überhitzer (m) superheater surchauffeur (m)		перегрѣватель (m); пароперегрѣватель (m) surriscaldatore (m) recalentador (m)	3
Überhitzerheizfläche (f) superheater surface surface (f) de chauffe du surchauffeur, surface (f) de surchauffe		поверхность (f) нагрѣва перегрѣвателя superficie (f) del surriscaldatore superficie (f) de calefacción del recalentador	4
Überhitzerkörper (m) superheater body corps (m) du surchauffeur		корпусъ (m) перегрѣвателя corpo (m) del surriscaldatore cuerpo (m) del recalentador	5
Überhitzerbauart (f) type *or* construction of superheater [mode (m) de] construction (f) du surchauffeur, type (m) de surchauffeur		система (f) перегрѣвателя costruzione (f) del surriscaldatore tipo (m) de recalentador	6
Gleichstromüberhitzer (m) parallel-flow superheater surchauffeur (m) à courants de même sens		перегрѣватель (m) съ параллельнымъ токомъ surriscaldatore (m) a correnti dello stesso senso recalentador (m) de corrientes del mismo sentido	7
Gegenstromüberhitzer (m) counter-flow superheater surchauffeur (m) à contre-courant *ou* à courants de sens contraires		перегрѣватель (m) со встрѣчнымъ токомъ *или* съ противотокомъ surriscaldatore (m) a correnti contrarie *od* a controcorrente recalentador (m) de corrientes opuestas	8

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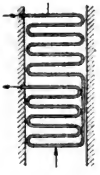
1 Gleich- und Gegenstromüberhitzer (m)
parallel- and counterflow superheater
surchauffeur (m) mixte, surchauffeur (m) à courants de même sens et de sens contraire



перегрѣватель (m) *или* пароперегрѣватель (m) смѣшанной системы
surriscaldatore (m) misto
recalentador (m) mixto, recalentador (m) de corrientes del mismo sentido y opuestas

---

2 Lokomotivüberhitzer (m)
locomotive superheater
surchauffeur (m) de locomotive

паровозный перегрѣватель (m) *или* пароперегрѣватель (m)
surriscaldatore (m) da locomotiva
recalentador (m) de locomotora

---

3 Langkesselüberhitzer (m)
superheater in boiler barrel
surchauffeur (m) placé dans le corps cylindrique

перегрѣватель (m) *или* пароперегрѣватель (m) цилиндрическаго котла
surriscaldatore (m) nel corpo cilindrico della caldaia
recalentador (m) colocado en el cuerpo cilíndrico

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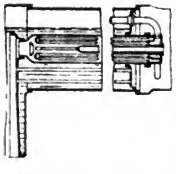
4 Flammrohrüberhitzer (m)
flue superheater
surchauffeur (m) placé dans le faisceau tubulaire



перегрѣватель (m) *или* пароперегрѣватель (m) въ жаровой трубѣ
surriscaldatore (m) posto fra i tubi bollitori *o* posto in tubo a fiamma
recalentador (m) colocado entre los tubos de la caldera

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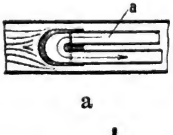
5 Überhitzerrohr (n)
superheater tube
tube (m) [du] surchauffeur, tube (m) de surchauffe



a

труб[к]а (f) перегрѣвателя *или* пароперегрѣвателя
tubo (m) di surriscaldamento
tubo (m) del recalentador

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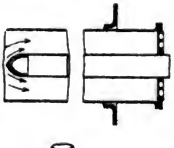
6 Verdränger (m), Verdrängerrohr (n)
displacement *or* deflection tube
tube (m) de déviation



направляющая труба (f); вытѣснитель (m)
tubo (m) deviatore
tubo (m) de desviación

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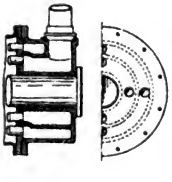
7 Doppelringkammer (f)
double annular chamber
chambre (f) annulaire double



двойная кольцевая камера (f)
camera (f) annulare doppia
cámara (f) anular doble

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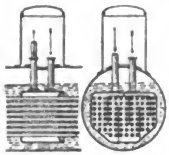
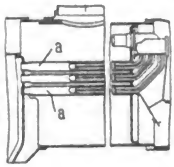
Siederohrüberhitzer(m), Pielocküberhitzer (m)
Pielock superheater
surchauffeur (m) de Pielock [traversé par le faisceau tubulaire]



перегрѣватель (m) *или* пароперегрѣватель (m) въ кипятильникѣ; перегрѣватель Пiлока
surriscaldatore (m) Pielock
recalentador (m) Pielock

1

Rauchröhrenüberhitzer (m)
smoke-tube superheater
surchauffeur (m) placé dans les tubes à fumée



перегрѣватель (m) *или* пароперегрѣватель (m) въ дымогарныхъ труб[к]ахъ
surriscaldatore (m) nei tubi di fumo
recalentador (m) colocado dentro de los tubos de humo

2

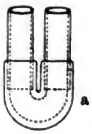
Uberhitzerrauchrohr (n)
fire tube for superheater, superheater smoke tube
tube (m) à fumée avec surchauffeur

a

дымогарная трубка (f) перегрѣвателя *или* пароперегрѣвателя
tubo (m) di fumo del surriscaldatore
tubo (m) de humo con recalentador

3

U-Rohr (n)
U-pipe
tuyau (m) en U



U-образная труба (f)
tubo (m) ad U
tubo (m) en U

4

U-Kappe (f), Rohrkappe (f)
U-cap, tube cap
U (m) de raccordement, boîte (f) de raccordement en U

a

U-образная головка (f) *или* коробка (f); соединительный колпачокъ (m) для трубъ
raccordo (m) ad U, capsula (f) di raccordo
codo (m) de unión en U, cabeza (f) de tubos

5

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nahtloser Rohrkopf (m)
seamless tube end
extrémité (f) de tube cintrée

конецъ (m) трубки безъ шва; головка (f) тянутой трубки
testata (f) di cilindro senza chiodatura
extremidad (f) de tubo encorvada

6

Doppelschleifenanordnung (f)
double loop arrangement
disposition (f) en doubles boucles

расположеніе (n) въ видѣ двойной петли
disposizione (f) a doppia spirale *od* a doppio ritorno
disposición (f) de lazos dobles

7

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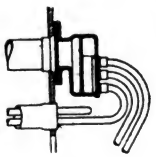
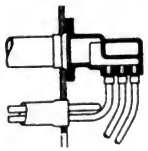
1 Überhitzerkammer (f) mit senkrechtem Flansche
superheater chamber with vertical flange
boîte (f) de surchauffeur [placé dans les tubes à fumée] à brides verticales



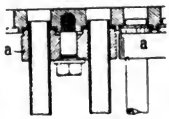
камера (f) перегрѣвателя *или* пароперегрѣвателя съ вертикальными фланцами
camera (f) del surriscaldatore con flangia verticale
caja (f) de recalentador [dentro de los tubos de humo] con bridas verticales

2 Überhitzerkammer (f) mit wagrechtem Flansche
superheater chamber with horizontal flange
boîte (f) de surchauffeur [placé dans les tubes à fumée] à brides horizontales



камера (f) перегрѣвателя *или* пароперегрѣтеля съ горизонтальными фланцами
camera (f) del surriscaldatore con flangia orizzontale
caja (f) de recalentador [dentro de los tubos de humo] con bridas horizontales

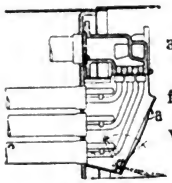
3 Überhitzerflansch (m)
superheater flange
bride (f) de surchauffeur



a

фланецъ (m) перегрѣвателя *или* пароперегрѣвателя
flangia (f) del surriscaldatore
brida (f) del recalentador

4 Überhitzerklappe (f)
superheater flap
clapet (m) de surchauffeur



a

заслонка (f) перегрѣвателя *или* пароперегрѣвателя
farfalla (f) *o* portella (f) del surriscaldatore
válvulà (f) del recalentador

5 Klappenzug (m)
flap actuating gear
tringle (f) de manœuvre du clapet

тяга (f) для управленія заслонкой
tirante (m) di manovra della farfalla *o* della portella
tirante (m) de maniobra de la válvula

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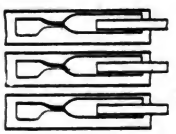
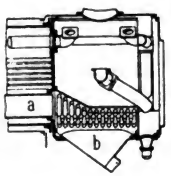
Überhitzer (m) mit paarweise ineinanderliegenden Überhitzerrohren, Colescher Überhitzer (m)
Cole-superheater
surchauffeur (m) Cole, surchauffeur (m) à tubes montés par paires l'un dans l'autre



перегрѣватель (m) съ попарно расположенными одна въ другой перегрѣвательными трубками; пароперегрѣватель (m) съ трубками Фильда (системы Коля)
surriscaldatore (m) a tubi appaiati e posti l'uno nell'altro, surriscaldatore (m) Cole
recalentador (m) [Cole] con tubos montados dos á dos el uno dentro el otro

1

Rauchkammerüberhitzer (m)
smoke box-superheater
surchauffeur (m) placé dans la boîte à fumée



перегрѣватель (m) *или* пароперегрѣватель (m) въ дымовой коробкѣ
surriscaldatore (m) nella cassa fumo
recalentador (m) alojado en la caja de humos

2

Überhitzerflammrohr (n)
superheater flue *or* tube
tube (m) d'amenée des gaz chauds au surchauffeur

a

жаровая труба (f) перегрѣвателя *или* пароперегрѣвателя
tubo (m) di fiamma del surriscaldatore
tubo (m) de llama del recalentador

3

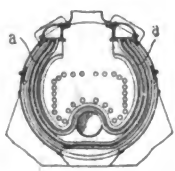
Löschetrichter (m)
hopper *or* funnel for cinders
trémie (f) à escarbilles

b

воронка (f) для мусора
imbuto (m) d'estinzione spengitore (m)
embudo (m) para cenizas volantes ó escarbillas

4

Überhitzerkasten (m)
superheater box *or* chamber
boîte (f) de surchauffeur



коробка (f) перегрѣвателя *или* пароперегрѣвателя
cassa (f) di surriscaldamento
caja (f) del recalentador

5

Ringrohr (n)
annular tube
tube (m) annulaire

a

кольцевая труба (f)
tubo (m) annulare
tubo (m) anular

6

Dampfkammer (f)
steam chamber *or* header
chambre (f) de vapeur

паровая коробка (f)
camera (f) del vapore
cámara (f) de vapor

7

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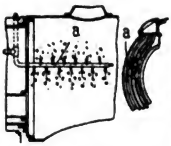
1 Dampfkammerscheidewand (f)
steam chamber dividing wall *or* plate
cloison (f) de chambre de vapeur



a

перегородка (f) въ паровой коробкѣ
parete (f) divisoria della camera del vapore
tabique (m) de la cámara de vapor

2 Ausblasevorrichtung (f), Ausblaserohr (n)
blow-out pipe, soot pipe
lance (f) de ramonage, éjecteur (m) souffleur

приспособленіе (n) для продувки *или* для продуванія
apparecchio (m) di soffiamento
tubo (m) deshollinador, boquilla-lanza (f)

3 Ausblaseventil (n)
blow-out valve
soupape (f) de ramonage

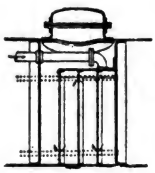
продувательный *или* продувной клапанъ (m)
valvola (f) di soffiamento
válvula (f) de limpieza

4 den Überhitzer ausblasen (v)
to blow out *or* sweep the superheater
ramoner (v) le surchauffeur au moyen d'un jet de vapeur

проду-ть(-вать) перегрѣватель *или* пароперегрѣватель
soffiare (v) il surriscaldatore con getto di vapore
deshollinar (v) el recalentador por medio de un chorro de vapor

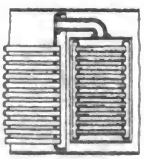
5 Zwischenüberhitzung (f)
intermediate superheating
surchauffe (f) intermédiaire

промежуточный перегрѣвъ (m)
surriscaldamento (m) intermediario
recalentamiento (m) intermedio, sobrecalefacción (f) intermediaria



6 Dampftrockner (m)
steam dryer, steam drying apparatus
sécheur (m) de vapeur

сушитель (m) пара
seccatore (m) del vapore
aparato (m) para secar el vapor



7 Abgasüberhitzer (m)
waste gas superheater
surchauffeur (m) à gaz perdus

перегрѣватель (m), отапливаемый отработавшими газами; пароперегрѣватель (m) отапливаемый отходящими газами
surriscaldatore (m) coi gas perduti dalla combustione
recalentador (m) de gases perdidos

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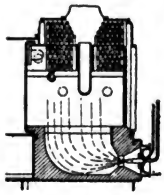
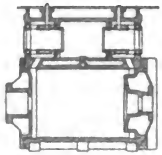
Überhitzer (m) mit besonderer Feuerung
superheater with independent firing
surchauffeur (m) à foyer indépendant



перегрѣватель (m) *или* пароперегрѣватель (m) съ отдѣльной топкой
surriscaldatore (m) con focolare speciale
recalentador (m) de hogar independiente

1

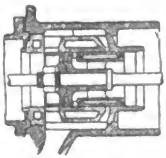
Heißdampfzylinder (m)
superheated steam cylinder
cylindre (m) à vapeur surchauffée



цилиндръ (m), приспособленный для перегрѣтаго пара
cilindro (m) a vapore surriscaldato
cilindro (m) de vapor recalentado

2

Heißdampfkolbenschieber (m)
piston valve for superheated steam
tiroir (m) cylindrique à vapeur surchauffée



цилиндрическій золотникъ (m) для перегрѣтаго пара
cassetto (m) [di cilindro] a vapore surriscaldato
distribuidor (m) cilíndrico de vapor recalentado

3

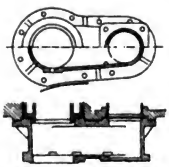
---

geheizte Schieberbüchse (f)
steam jacketed steam chest
boîte (f) à vapeur avec chemise de vapeur

отапливаемая золотниковая втулка (f)
scatola (f) *o* camera (f) del cassetto riscaldata
distribuidor (m) con camisa de vapor

4

Ausströmkasten (m)
exhaust box
boîte (f) d'échappement



паровыпускная коробка (f)
cassa (f) di scarico *o* scappamento
caja (f) de escape

5

Druckausgleichvorrichtung (f)
bye-pass valve
dispositif (m) d'equilibrage de pression

устройство (n) для уравниванія давленія пара; байпассъ (m); перепускной клапанъ (m) *или* кранъ (m)
dispositivo (m) di compensazione della pressione
disposición (f) de compensar las presiones

6

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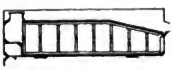
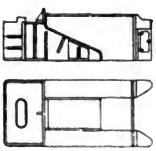
	Tender		**Тендеръ**
1	**Tender**		**Tender, Carro di Scorta**
	Tender		**Ténder**
	Vorratraum (m)		помѣщеніе (n) для запасовъ
2	storage-room *or* space		serbatoio (m)
	soutes (f pl) d'approvisionnement		espacio (m) para las provisiones [de agua, de combustible]
	Fassungsraum (m)		ёмкость (f)
3	capacity		capacità (f)
	capacité (f)		capacidad (f)
	Tenderfüllung (f)		наполненіе (n) тендера
4	filling of tender		riempimento (m) del tender
	remplissage (m) du tender		carga (f) ó relleno (m) del ténder
	Wasservorrat (m)		запасъ (m) воды
5	water supply		provvigione (f) d'acqua
	approvisionnement (m) d'eau		provisión (f) de agua
	Kohlenvorrat (m)		запасъ (m) угля
6	coal supply		provvigione (f) di carbone
	approvisionnement (m) de houille		provisión (f) de hulla
	Wasserbehälter (m), Wasserkasten (m)		водяной бакъ (m); бакъ для воды
7	water tank		cassa (f) d'acqua
	caisse (f) à eau (du tender)		caja (f) ó tanque (m) de agua
		a	
	Kohlenbehälter (m)		угольный ящикъ (m)
8	coal bunker	b	cassa (f) da carbone
	soute (f) à charbon		caja (f) para carbón, carbonera (f)
	Wasserbehälter (m) mit flacher Decke		водяной бакъ (m) *или* бакъ для воды съ плоской крышкой
9	water tank with flat top		cassa (f) d'acqua a parete superiore piana
	caisse (f) à eau à plafond plat		caja (f) ó tanque (m) de agua con pared superior plana
	hufeisenförmiger Wasserbehälter (m), Hufeisenkasten (m)		подковообразный водяной бакъ (m); бакъ для воды подковообразной формы; бакъ въ видѣ буквы П
10	horse-shoe shaped water tank		cassa (f) d'acqua a ferro di cavallo
	caisse (f) à eau en fer à cheval		tanque (m) de herradura

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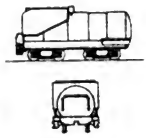
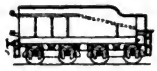
Tender (m) mit zylindrischem Wasserbehälter, Vanderbilt-Tender (m)
tender with cylindrical water tank, Vanderbilt-tender
tender (m) avec caisse à eau cylindrique



тендеръ (m) съ цилиндрическимъ водянымъ бакомъ; тендеръ Вандербильта
tender (m) con cassa d'acqua cilindrica
ténder (m) con tanque cilíndrico

1

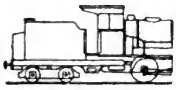
Schlepptender (m)
trailing-tender
tender (m) attelé



прицѣпный тендеръ (m)
tender (m) di scorta
ténder (m) enganchado

2

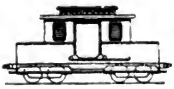
Stütztender (m)
tender supporting the cab
locomotive-tender (f) à châssis séparés



поддерживающій тендеръ (m)
locomotiva-tender (f) con raccordo sotto la cabina
locomotora-ténder (f) de bastidores distintos ó separados

3

Tender (m) mit Gepäckraum
tender with space for luggage
tender (m) avec espace réservé aux bagages



тендеръ (m) съ отдѣленіемъ для багажа
tender (m) con bagagliaio
ténder (m) con espacio reservado para equipajes

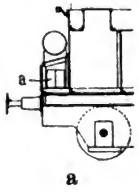
4

Tenderrahmen (m)
tender frame
châssis (m) de tender

рама (f) тендера
telaio (m) del tender
bastidor (m) del ténder

5

Werkzeugkasten (m)
tool chest *or* box
coffre (m) à outils



ящикъ (m) для паровознаго инструмента
cassa (f) attrezzi
caja (f) de herramientas

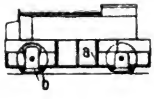
6

Kleiderkasten (m)
clothes chest
coffre (m) à vêtements

ящикъ (m) для одёжи
armadio (m) di servizio
caja (f) para la ropa

7

Wasserkastenrahmen (m)
water tank frame
châssis (m) de caisse à eau



рама (f) водяного бака
telaio (m) della cassa d'acqua
bastidor (m) del tanque

8

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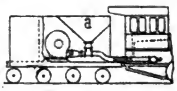
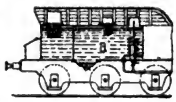
	unterer Wasserkasten (m)		нижній водяной бакъ (m)
1	lower water tank, well tank	a	cassa (f) d'acqua inferiore
	caisse (f) à eau inférieure		caja (f) de agua ó tanque (m) inferior
	Verbindungsrohr (n)		соединительная труба (f)
2	connecting pipe	b	tubo (m) di raccordo o di presa
	tuyau (m) de raccordement		tubo (m) de comunicación
	Anwärmung (f) des Tenderwassers		подогрѣвъ (m) воды тендера
3	warming the tender water		riscaldamento (m) [preventivo] dell'acqua del tender
	réchauffage (m) de l'eau du tender		recalentamiento (m) del agua del ténder
	Tender (m) für Staubkohlenfeuerung		тендеръ (m) для отопленія [паровоза] угольной пылью
4	tender for coal dust firing		tender (m) per focolare a polvere di carbone
	tender (m) pour foyer à poussier de charbon		ténder (m) para hogar de carbón en polvo
	Fülltrichter (m)		загрузочная воронка (f)
5	funnel, hopper	a	tramoggia (f) di riempimento
	trémie (f) de remplissage		embudo (m) ó colador (m) de relleno
	Tender (m) für Holzfeuerung		тендеръ (m) для топки дровами; тендеръ для дровяного отопленія
6	tender for wood firing		tender (m) per combustione di legna
	tender (m) pour le chauffage au bois		ténder (m) para el caldeo con leña
	Tender (m) für Ölfeuerung		тендеръ (m) для нефтяного отопленія или для нефти
7	tender for oil firing		tender (m) per combustione ad olio
	tender (m) pour foyer à combustible liquide		ténder (m) para hogar de combustible liquido
	Ölbehälter (m)		нефтяной бакъ (m)
8	oil reservoir *or* tank	a	serbatoio (m) d'olio
	réservoir (m) à huile		recipiente (m) ó depósito (m) de aceite mineral
	Tenderfüllvorrichtung (f)		приспособленіе (n) для наполненія тендера
9	tender filling apparatus		apparecchio (m) di caricamento del tender
	appareil (m) de remplissage du tender		aparato (m) de rellenar del ténder

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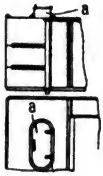
Füllöffnung (f)
filling hole *or* opening
ouverture (f) *ou* bouche (f) de remplissage, rehausse (f) de soute

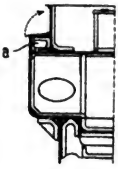


a

отверстіе (n) для наполненія
apertura (f) di caricamento
orificio (m) de llenar

1

seitlicher Füllkasten (m)
side filling tank
caisse (f) latérale de remplissage, rehausse (f) latérale de soute



a

боковой ящикъ (m) для наполненія
tramoggia (f) di caricamento laterale
caja (f) ó embudo (m) lateral para llenar

2

trichterförmiges Sieb (n)
funnel shaped strainer
crépine (f) en forme d'entonnoir

сѣтка (f) въ формѣ воронки
filtro (m) in forma di tramoggia
criba (f) del embudo

3

Wasserstandzeiger (m)
water level indicator
indicateur (m) de niveau d'eau

водоуказатель (m); водоуказательный приборъ (m); указатель (m) уровня воды
indicatore (m) del livello d'acqua
indicador (m) del nivel de agua

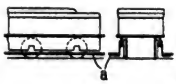
4

Schwimmer (m)
float
flotteur (m)

поплавокъ (m)
galleggiante (m)
flotador (m)

5

Tendertrittblech (n)
tender footboard
marchepied (m) en tôle du tender

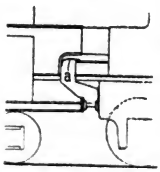


a

подножка (f) изъ листового желѣза вдоль тендера
lamiera-marciapiede (m) del tender
estribo (m) de chapa del ténder

6

Tenderbrücke (f)
fall plate
tablier (m) mobile



a

фартукъ (m); клапанъ (m); соединительный желѣзный мостикъ (m) между паровозомъ и тендеромъ
lamiera (f) a ponte
tablero (m) móvil

7

Speisewasserzuführung (f)
feed water supply
amenée (f) de l'eau d'alimentation

подводъ (m) питательной воды
condotta (f) dell''acqua d'alimentazione
llegada (f) del agua de alimentación

8

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1 Gummischlauch (m)
rubber hose
tuyau (m) flexible en caoutchouc, manche (f) en caoutchouc

резиновый рукавъ (m) *или* шлангъ (m)
tubo (m) flessibile di gomma
manga (f) de goma

---

2 Drahteinlage (f)
wire core
garniture (f) *ou* armature (f) intérieure en fil métallique

a

проволочная прокладка (f); прокладка изъ проволоки
guarnizione (f) interna in filo metallico
guarnición (f) interior de alambre

---

3 Speiserohrkupplung (f)
feed pipe coupling
accouplement (m) du tuyau d'alimentation

соединеніе (n) питательныхъ трубъ
accoppiamento (m) del tubo d'alimentazione
acoplamiento (m) del tubo de alimentación

---

4 Schlauchmundstück (n)
hose mouthpiece
embouchure (f) de la manche

наконечникъ (m) рукава
imboccatura (f) del tubo di gomma
embocadura (f) de la manga

---

5 Überwurfhülse (f)
sleeve nut
douille (f) d'emmanchement

сгонная муфта (f)
boccola (f) a cappello, fodera (f) di ricoprimento
manguito (m) de enchufe

---

6 Rohrverbindung (f) mit Kugelgelenk
pipe connection with ball joint
(concret:) joint (m) *ou* (abstrait:) jonction (f) *ou* accouplement (m) à rotule

шаровое сочлененіе (n) трубъ
giunzione (f) del tubo a snodo sferico
unión (f) de tubo por articulación esférica

---

7 Gummiringdichtung (f)
rubber-ring packing
joint (m) à bague de caoutchouc

a

уплотненіе (n) резиновымъ кольцомъ
guarnizione (f) ad anello di gomma
guarnición (f) de anillo de caucho

---

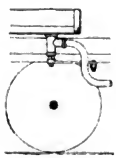
8 Trompetenrohr (n)
trumpet *or* bell mouth tube
tuyau (m) à pavillon

b

раструбъ (m)
tubo (m) a trombetta
tubo (m) en forma de trompeta

---

9 Ausflußstutzen (m), Saugstutzen (m)
outlet *or* feed *or* suction pipe
tubulure (f) d'écoulement *ou* d'aspiration



выпускной патрубокъ (m); всасывающій патрубокъ
tubulatura (f) d'uscita, tubulatura (f) d'aspirazione
tubuladura (f) de salida ó de aspiración

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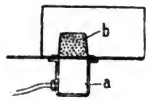

a

Schlammfang (m)
tank mud drum *or* sump
collecteur (m) de boues

грязевикъ (m); резервуаръ (m) для отстойки грязи
collettore (m) del fango
depósito (m) ó colector (m) de fangos

1

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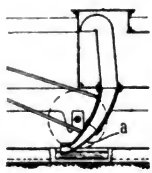
b

Wassersieb (n)
water strainer *or* sieve
crépine (f)

сито (n) для очистки воды [отъ сора]
filtro (m) d'acqua, depuratore (m)
tamiz (m)

2



Wasserschöpfvorrichtung (f)
water scoop arrangement
prise (f) d'eau (sans arrêt)

приспособленіе (n) для набора воды на ходу
apparecchio (m) d'attingimento d'acqua in corsa
toma (f) del agua sin parada

3

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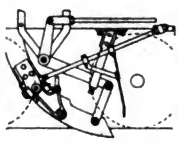
a

Fangrohr (n)
scoop, dip pipe, pick up pipe
tuyau (m) de prise d'eau

черпакъ (m); [водо] черпательная труба (f)
tubo (m) di presa *o* di riempimento
tubo (m) de toma del agua

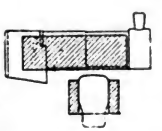
4



bewegliches Mundstück (n)
movable scoop *or* dipper
bec (m) mobile

подвижной наконечникъ (m) *или* ковшъ (m)
imboccatura (f) mobile
pico (m) móvil

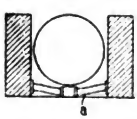
5



Tenderlokomotive (f) mit seitlichem Wasserkasten
side tank engine
locomotive-tender (f) à caisse à eau latérale

танковый паровозъ (m) съ боковыми баками для воды
locomotiva-tender (f) con cassa d'acqua laterale
locomotora-ténder (f) con caja de agua ó tanque lateral

6

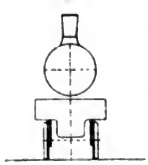


a

Verbindungsrohr (n) der Wasserkasten
tank levelling *or* union pipe
tuyau (m) de jonction des caisses à eau (latérales)

соединительная труба (f) водяного бака
tubo (m) di raccordo delle casse d'acqua laterali
tubo (m) de comunicación entre las cajas de agua (laterales)

7



auf dem Rahmen liegender Wasserkasten (m)
tank supported on the frame
caisse (f) à eau reposant sur le châssis

водяной бакъ (m), расположенный на рамѣ подъ котломъ паровоза
cassa-d'acqua (f) disposta su telaio
caja (f) de agua llevada por el bastidor

8

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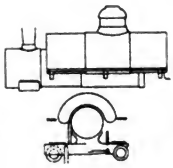
Tenderlokomotive (f) mit sattelförmigem Wasserbehälter
saddle tank locomotive, tank engine with
1 saddle tank
locomotive-tender (f) avec caisse à eau en selle *ou* cintrée



тендеръ-паровозъ (m) *или* танкъ-паровозъ (m) *или* кукушка (f) съ сѣдлообразнымъ водянымъ бакомъ
locomotiva-tender (f) con cassa d'acqua a sella
locomotora-ténder (f) con caja de agua en forma de silla *ó* en alforja

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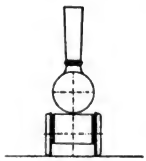
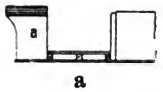
Tenderlokomotive (f) mit Wasserkastenrahmen
2 wall tank engine
locomotive-tender (f) avec châssis de caisse à eau



танковый паровозъ (m) съ водянымъ запасомъ между рамъ *или* съ ящичными рамами
locomotiva-tender (f) con telaio a cassa d'acqua
locomotora-ténder (f) con bastidor para caja de agua

Kohlenbunker (m)
3 coal bunker
soute (f) à charbon



угольный ящикъ (m) *или* ларь (m)
cassa (f) del carbone
caja (f) para carbón

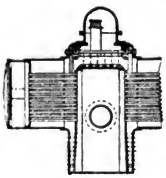
Triebwagen
4 **Rail Motor Car**
Automotrices

Самодвижущійся вагонъ [вагонъ-моторъ]
Automotori
Automotrices

Dampftriebwagen (m)
steam railway motor coach *or* car (A)
5 automotrice (f) à vapeur

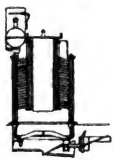
паровой вагонъ-моторъ (m)
automotrice (f) a vapore
automotriz (f) de vapor

Heizrohrkessel (m)
fire tubular boiler
6 générateur (m) multitubulaire



трубчатый котёлъ (m) съ большимъ числомъ дымогарныхъ трубъ
caldaia (f) a tubi bollitori
generador (m) multitubular

Wasserrohrkessel (m)
water-tube boiler
7 chaudière (f) *ou* générateur (m) à tubes d'eau



водотрубный котёлъ (m)
caldaia (f) a tubi d'acqua
caldera (f) ó generador (m) con tubos de agua

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Feuerbüchskessel (m) mit geneigten Wasserrohren
fire box boiler with inclined water tubes
chaudière (f) à boite à feu avec tubes d'eau inclinés

трубчатый котёлъ (m) съ огневой коробкой и съ наклонными водяными трубками
caldaia (f) a cassa fuoco con tubi d'acqua inclinati
caldera (f) con caja de fuego y tubos de agua inclinados

1

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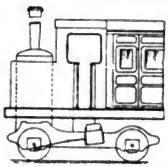
stehender Kessel (m)
vertical boiler
générateur (m) de vapeur vertical, chaudière (f) à vapeur verticale



вертикальный паровой котёлъ (m)
generatore (m) di vapore verticale, caldaia (f) verticale
caldera (f) *ó* generador (m) de vapor vertical

2

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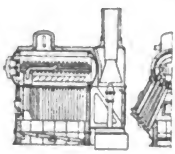
ringförmig erweiterter Kesselmantel (m)
annular enlarged boiler shell
corps (m) cylindrique de chaudière élargi

корпусъ (m) *или* кожухъ (m) котла съ кольцеобразнымъ уширеніемъ
mantǫ (m) *o* corpo (m) della caldaia in forma di anello allargato
cuerpo (m) cilíndrico de caldera alargado

3

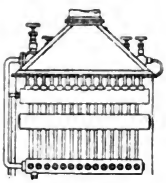
Wasserrohrkessel (m) mit Gegenstrom
counter-flow water tube boiler
chaudière (f) multitubulaire à contre-courants



водотрубный котёлъ (m) съ противотокомъ
caldaia (f) a tubi d'acqua a controcorrente (tipo marina)
caldera (f) [multi]tubular con tubos de corrientes invertidas

4

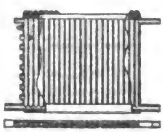
Rohrplattenkessel (m)
tube plate boiler
chaudière (f) à cloisons tubulaires



котёлъ (m) съ батареями трубъ
caldaia (f) a piastre tubulari
caldera (f) con placas *ó* tabiques tubulares

5

Röhrplatte (f)
tube plate
cloison (f) tubulaire



батарея (f) трубъ
piastra (f) tubulare
placa (f) *ó* tabique (m) tubular

6

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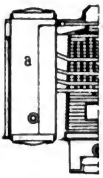

a

lotrechter Dampfsammler (m)
1 vertical steam drum *or* collector
collecteur (m) de vapeur vertical

вертикальный парособиратель (m) *или* коллекторъ (m) пара
collettore (m) verticale del vapore
colector (m) de vapor vertical

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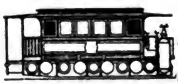
stählerner Verdampfungskörper (m)
2 steel vaporiser
élément (m) tubulaire en acier

стальной испаритель (m)
vaporizzatore (m) in acciaio
cuerpo (m) tubular de acero

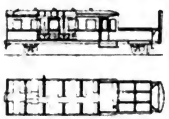
Achsenantrieb (m) durch Gelenkketten und Zahnräder
axle driving by means
3 of chain and sprocket wheels
commande (f) d'essieu par pignons et chaînes articulées

передача (f) движенія къ осямъ посредствомъ шарнирныхъ цѣпей и зубчатыхъ колёсъ
comando (m) dell'asse per mezzo di catena articolata e ruote dentate
impulsión (f) del eje por piñones y cadenas articuladas



Preßlufttriebwagen (m)
4 rail motor car driven by compressed air
automotrice (f) à air comprimé

вагонъ (m) -моторъ (m), дѣйствующій сжатымъ воздухомъ
automotrice (f) ad aria compressa
automotriz (f) de aire comprimido

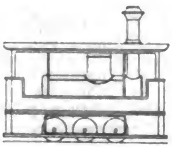


Akkumulatorwagen (m)
5 accumulator car
voiture (f) à accumulateurs

аккумуляторный вагонъ (m)
carro (m) ad accumulatori
coche (m) de accumuladores

Lokomotiven besonderer Art
Special Types of
6 **Locomotives**
Types spéciaux de locomotives

Паровозы спеціальнаго назначенія
Tipi di locomotive speciali
Tipos especiales de locomotoras



Straßenbahnlokomotive (f)
7 street railway locomotive, tramway engine
locomotive (f) de tramway

паровозъ (m) для трамваевъ городскихъ дорогъ
locomotiva (f) per tramvia
locomotora (f) para tranvía

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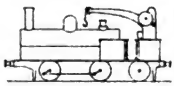
Kranlokomotive (f)
crane locomotive
locomotive (f) grue



паровозъ (m) -кранъ (m)
locomotiva (f) a gru
locomotora-grúa (f) 1

Fabriklokomotive (f)
works locomotive
locomotive (f) d'atelier

локомотивъ (m) для фабрикъ; фабричный локомотивъ
locomotiva (f) d'officina o cantiere
locomotora (f) para talleres 2

Grubenlokomotive (f)
mine locomotive
locomotive (f) minière ou de mine

рудничный паровозъ (m)
locomotiva (f) per miniera
locomotora (f) minera ó para minas 3

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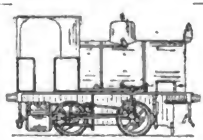
feuerlose Lokomotive (f)
fireless locomotive
locomotive (f) sans foyer

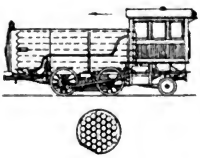


паровозъ (m) безъ топки
locomotiva (f) senza fuoco
locomotora (f) sin hogar 4

Dampfniederschlaggefäß (n)
receiver for condensed water
condenseur (m) de la vapeur d'échappement

конденсаторъ (m); холодильникъ (m)
serbatoio (m) condensatore
recipiente (m) condensador de vapor (de escape) 5

Preßluftlokomotive (f)
compressed air locomotive
locomotive (f) à air comprimé



локомотивъ (m), дѣйствующій сжатымъ воздухомъ
locomotiva (f) ad aria compressa
locomotora (f) de aire comprimido 6

Preßluftmaschine (f)
compressed air engine
moteur (m) à air comprimé

двигатель (m), дѣйствующій сжатымъ воздухомъ
motore (m) ad aria compressa
motor (m) de aire comprimido 7

Preßluftzylinder (m)
compressed air cylinder
cylindre (m) à air comprimé

цилиндръ (m) для сжатаго воздуха
cilindro (m) ad aria compressa
cilindro (m) de aire comprimido 8

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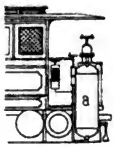

a

1	Vorwärmer (m) pre-heater, fore-warmer réchauffeur (m)	подогрѣватель (m) riscaldatore (m) recalentador (m)
2	Heißwassergefäß (n) hot water tank réservoir (m) à eau chaude	танкъ (m) *или* пріёмникъ (m) для горячей воды recipiente (m) di acqua calda recipiente (m) ó reservorio (m) de agua caliente
3	Luftverdichtungsanlage (f) air compressing plant installation (f) de compression d'air	установка (f) для добыванія сжатаго воздуха installazione (f) di compressione d'aria instalación (f) para la compresión del aire
4	Preßluftleitung (f) compressed air mains *or* piping conduite (f) d'air comprimé	трубопроводъ (m) для сжатаго воздуха condotta (f) d'aria compressa tuberia (f) del aire comprimido
5	Gaskraftlokomotive (f) gas power locomotive locomotive (f) à gaz pour moteur *ou* à gaz pauvre	газовый локомотивъ (m) locomotiva (f) a gas locomotora (f) de gas para motores
6	Verbrennungskraftmaschine (f) internal combustion engine moteur (m) à combustion intérieure	двигатель (m) внутренняго сгоранія motore (m) a combustione interna motor (m) de combustión interior
7	Benzinlokomotive (f) benzine locomotive, gasolene engine locomotive (f) à essence	бензиновый локомотивъ (m) locomotiva (f) a benzina locomotora (f) de bencina
8	Spirituslokomotive (f) alcohol engine locomotive (f) à alcool	спиртовый локомотивъ (m) locomotiva (f) ad alcool locomotora (f) de alcohol
9	Petroleumlokomotive (f) petroleum-locomotive locomotive (f) à pétrole	керосиновый локомотивъ (m) locomotiva (f) a petrolio locomotora (f) de petróleo

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Gaskraftmaschine (f) mit elektrischer Übertragung
gas-electric engine
moteur (m) à gaz avec transmission électrique

газовый двигатель (m) съ электрической передачей энергіи
motore (m) a gas con trasmissione elettrica
motor (m) de gas con transmisión eléctrica

1

Schneeräumungsvorrichtungen

Appliances *or* Apparatus for the Removal of Snow

Chasse-neige

Приспособленія для уборки снѣга

Apparecchi di spazzaneve

Aparatos quitanieves

2

Schneebeseitigung (f)
snow removal
enlèvement (m) *ou* déblaiement (m) de la neige

удаленіе (n) снѣга
sgombro (m) della neve
separación (f) *ó* escombra (f) *ó* limpieza (f) de la nieve

3

Schneepflug (m)
snow plough
chasse-neige (m), charrue (f) chasse-neige

снѣговой *или* снѣжный плугъ (m); плугъ для очистки пути отъ снѣга
spazzaneve (m), caccianeve (m)
quitanieves (m)

4

Schleppflug (m)
draw plough
charrue (f) chasse-neige à traction

снѣговой плугъ (m); ползущій плугъ
aratro (m) spazzaneve trainato
quitanieves (m) para tiro

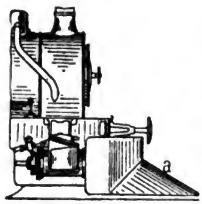
5

Handschneepflug (m), Wärterschneepflug (m)
hand snow plough, snow scraper
charrue (f) chasse-neige à main

ручной плугъ (m); снѣговой плугъ путевого сторожа
aratro (m) spazzaneve a mano
quitanieves (m) de mano

6

Lokomotivschneepflug (m)
locomotive snow plough
chasse-neige (m) de locomotive



паровозный снѣговой плугъ (m)
spazzaneve (m) della locomotiva
quitanieves (m) de locomotora

7

Schneepflugblech (n), Schneeschar (f)
snow plough body plate
soc (m) de [charrue] chasse-neige

a

щитъ (m) *или* листъ (m) снѣгоочистителя
vomero (m) dello spazzaneve
reja (f) del quitanieves

8

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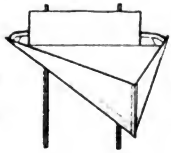
1 Pflug (m) mit Keilwirkung
snow plough with wedge action
[charrue(f)] chasse-neige (m) agissant comme un coin

плугъ (m), дѣйствующій клиномъ
aratro (m) spazzaneve ad azione cuneiforme
quitanieves (n) en forma de cuña



2 einseitiger Schneepflug (m)
single cheek *or* lateral snow plough
chasse-neige (m) latéral

односторонній снѣговой плугъ (m)
spazzaneve (m) laterale
quitanieves (m) unilateral

---

3 zweiseitiger Schneepflug (m)
double cheek *or* central snow plough
chasse-neige (m) bilatéral

двусторонній снѣговой плугъ (m)
spazzaneve (m) bilaterale
quitanieves (m) bilateral

---

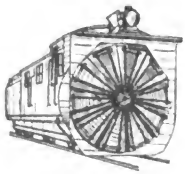
4 Wagenschneepflug (m)
snow plough carriage
wagon (m) chasse-neige

вагонный снѣговой плугъ (m); вагонный снѣгоочиститель (m)
spazzaneve-carro (m)
vagón-quitanieves (m)

---

5 Schneeräumungsmaschine (f)
mechanical snow plough
machine (f) chasse-neige

снѣгочистительная машина (f)
macchina (f) caccianeve
máquina (f) quitanieves



6 Dampfschneeschleuder (f), Kreiselpflug (m)
rotary *or* revolving snow plough
chasse-neige (m) rotatif *ou* centrifuge

паровой центробѣжный плугъ (m)
caccianeve (m) rotativo a vapore *od* a forza centrifuga
quitanieves (m) rotativo *ó* centrifugo movido á vapor

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7 Salzstreuwagen (m)
wagon for spraying *or* strewing salt
wagon (m) pour le répandage du sel

вагонъ (m) для посыпанія [пути] солью
vagone (m) a spargimento di sale
vagón (m) para el esparcimiento del sal

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Lose Ausrüstungsgegenstände der Lokomotiven und Wagen
Tool Equipment *or* Kit for Locomotives and Carriages
Ustensiles pour l'entretien et le service des locomotives et wagons

Отдѣльныя паровозныя и вагонныя принадлежности
Ordegni di corredo separati per locomotive e vetture 1
Utensilios para la conservación y el servicio de las locomotoras y de los vagones

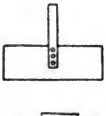
Bindekette (f)
attachment chain, chain sling
chaine (f) d'attache

соединительная цѣпь (f) [къ сигнальной веревкѣ] 2
catena (f) d'attacco
cadena (f) de enganche

Bindestrick (m), Bindestrang (m)
sling rope
corde (f) d'attache, élingue (f)

сигнальная верёвка (f)
fune (f) d'attacco 3
cuerda (f), soga (f)

Talgbüchse (f)
hand grease box
boite (f) contenant la graisse



коробка (f) *или* жестянка (f) для сала; сальница (f)
bossolo (m) da sevo *od* unguente 4
lata (f) para grasa

Fettkanne (f)
oil can *or* pot
bidon (m) à graisse

лейка (f) для сала
secchietto (m) del grasso, ingrassatore (m) 5
bidón (m) para grasa

Ölspritze (f)
oil syringe
seringue (f) à huile

шприцъ (m) *или* лейка (f) для масла; [фиг.:] нагнетательная маслёнка (f) 6
siringa (f) per olio
jeringuilla (f) para aceite

Ölpinsel (m)
oil brush
pinceau (m) à huile

кисть (f) для смазыванія масломъ
pennello (m) per olio 7
pincel (m) para aceite

Schmierölkanne (f)
lubricating oil can *or* feeder
burette (f) à huile

маслёнка (f) [въ видѣ лейки]
bidone (m) per l'olio, lubrificante (m) *o* pipetta (f) dell'olio 8
aceitera (f)

Ventilölkanne (f)
valve-oil-can, feeder, oil-can with thumb-button
burette (f) à valve

ручная маслёнка (f) съ клапаномъ
oliatore (m) a valvola 9
alcusa (f) con válvula

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1 Krätzer (m) für Stopfbüchsen
packing extractor
tire-bourrage (m)

крючокъ (m) *или* штоporъ (m) для вытаскиванія сальниковой набивки
raschiatoio (m) per premi-stoppa
sacatrapos (m), sacatacos (m), sacaborra (f)

2 Feilkloben (m)
hand vice, filing vice
étau (m) à main

ручные тиски (m pl)
morsa (f) a mano
tornillo (m) de mano, entenallas (f pl)

3 Handhammer (m)
hand hammer
marteau (m) à main

ручникъ (m)
martello (m) a mano
martillo (m) de mano

4 Bleihammer (m)
lead hammer
masse (f) en plomb

свинцовый молотокъ (m)
martello (m) di piombo
martillo (m) de plomo

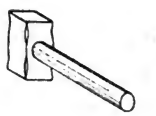
5 Feile (f)
file
lime (f)

напилокъ (m) напильникъ (m); подпилокъ (m); слесарная пила (f)
lima (f)
lima (f)

6 Bleifeile (f)
lead file
lime (f) à plomb

напилокъ (m) *или* подпилокъ (m) *или* напильникъ (m) для свинца; рашпиль (m) *или* терпугъ (m) для свинца
lima (f) per piombo
lima (f) para plomo

7 Kupferhammer (m)
copper hammer
masse (f) en cuivre, massette (f)



мѣдный молотокъ (m)
martello (m) di rame
martillo (m) de cobre

8 Holzraspel (f)
rasping file, rasp
râpe (f) à bois, écouenne (f)

рашпиль (m) *или* терпугъ (m) для дерева
raspa (f) per legno
escofina (f)

9 Meißel (m)
chisel
ciseau (m)

зубило (n)
scalpello (m)
cincel (m)

10 Kreuzmeißel (m)
bolt chisel. cross cutting chisel
bédane (m), bec (m) d'âne

крейцмейсель (m); [у рабочихъ часто:] клицмейстеръ (m)
scalpello (m) a croce
escoplo (m)

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Flachmeißel (m)
cold *or* flat chisel
burin (m)

плоское зубило (n)
scalpello (m) piano
corta-frío (m), escoplo (m) plano
1

Kneifzange (f)
pincers, nippers
tenailles (f pl), tricoises (f pl)

клещи (f pl)
tronchepino (m)
tenazas (f pl) de sujeción
2

Beißzange (f)
nippers, cutting nippers *or* pliers
pince (f) coupante

острогубцы (m pl); кусачки (f pl); кусцы (m pl)
tanaglia (f) tagliente
tenazas (f pl) de corte
3

Rundzange (f)
round nosed *or* round pliers
pince (f) ronde, pince (f) à becs ronds

круглогубцы (m pl)
pinza (f) rotonda
tenazas (f pl) de pico redondo
4

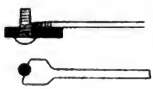
Bindezange (f)
pliers
pince (f) à ligatures

плоскогубцы (m pl)
pinza (f) per legature
alicates (m pl)
5

Fuchsschwanz (m)
pad saw, hand saw
scie (f) à main *ou* à manche, scie (f) égoine

ножовка (f); фукс-шванцъ (m)
saracco (m), sega (f) a mano
serrucho (m)
6

Geißfuß (m)
stay furring *or* scaling tool
pied (m) de biche (grattoir)



лапа (f); скребокъ (m)
piede (m) di capra
pie (m) de cabra (raspador)
7

Rohrpfropfen (m)
tube plug
bouchon (m) *ou* tampon (m) de tube

пробка (f) для дымогарныхъ трубъ
tappo (m) per tubo
tapón (m) de tubo
8

Rohrpfropfensetzer (m)
tube plug key *or* rod
outil (m) à tamponner les tubes

приборъ (m) *или* трамбовка (f) для постановки пробокъ
calcatappi (m)
colocatapones (m) de tubo
9

Rohrstemmer (m)
tube beading tool *or* beader *or* caulker
matoir (m) pour tubes

приборъ (m) для обсадки концовъ дымогарныхъ трубъ
mandrino (m) per tubi
cincel (m) para matar los tubos
10

Rohrdorn (m)
long handled tube plug *or* drift
mandrin (m)

оправка (f) для дымогарныхъ трубъ
spino (m) *o* mandrino (m) da tubi
mandril (m)
11

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1 Rohrputzer (m)
tube cleaning iron, tube cleaner
tringle (f) pour le nettoyage des tubes

банникъ (m); чищалка (f) для трубъ
raschiatubi (m)
varilla (f) rascatubos

2 Rohrbürste (f)
tube brush
brosse (f) à nettoyer les tubes, écouvillon (m)

щётка (f) *или* ёршъ (m) для прочистки дымогарныхъ трубъ; дымогарная щётка
spazzolatubi (f)
cepillo (m) metálico para la limpieza de los tubos, escobillón (m)

3 Rohrnadel (f)
tube running rod
aiguille (f) de tube, tringle (f) à tube

ёршъ (m) для чистки дымогарныхъ трубъ
ago (m) per tubi
aguja (f) para tubos

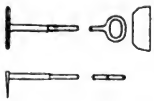
4 Rohrkratze (f), Rohrschaber (m)
tube scraper
gratte-tubes (m)

скребокъ (m) *или* банникъ (m) для прочистки трубъ
raschiatubi (m)
rascatubos (m)

5 Schürzeug (n)
firing tools
tisonniers (m pl)

принадлежности (f pl) для шурованія
attizzatoi (m pl) del fuoco
atizadores (m pl)

6 Aschenkratze (f), Aschenkrücke (f)
ash pan scraper *or* rake
ringard (m)



скребокъ (m) для очистки отъ золы
raschiacenere (m)
rascacenizas (m)

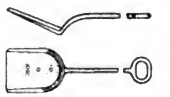
7 Rosthaken (m), Schürhaken (m)
grate-hook
pique-feu (m)

крюкъ (m) для вытаскиванія колосника
rampino (m) *o* gancio (m) per griglia
hurgón (m), atizador (m)

8 Rostspieß (m)
clinkering iron *or* dart
ringard (m) à décrasser (la grille)

ломъ (m) *или* пика (f) для прочистки колосниковъ
lancia (f) della graticola
rascador (m) para la parrilla

9 Schlackenschaufel (f)
ashes *or* clinker shovel
pelle (f) à machefer



лопата (f) для шлаковъ
pala (f) per scorie
pala (f) para escorias

10 Kohlenschaufel (f)
coal shovel
pelle (f) à charbon

лопата (f) для угля
pala (f) per carbone
pala (f) para carbón

11 Kohlenhacke (f)
coal pick
pioche (f) à charbon

угольная кирка (f); кирка для угля
zappa (f) pel carbone
martillo (m) para carbón

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Schraubenzieher (m)
screw driver
tournevis (m)

отвёртка (f)
cacciavite (m) *1*
destornillador (m)

Schraubenschlüssel (m)
spanner, wrench
clé (f) *ou* clef (f) à écrou

гаечный ключъ (m)
chiave (f) per viti *2*
llave (f) de tuercas

Zapfenschlüssel (m)
C spanner, radius key
clé (f) à écrous, clé (f) à crochet

ключъ (m) для цилиндрическихъ гаекъ
madrevite (f) pei bulloni e passanti *3*
llave (f) para tuercas, llave (f) de gancho

Steckschlüssel (m)
claw foot
clé (f) à griffes

вставной ключъ (m)
chiave (f) a griffa *4*
llave (f) de horquilla

Wassereimer (m)
water bucket *or* pail
seau (m)

ведро (n) для воды
secchia (f), mastello (m) *5*
cubo (m)

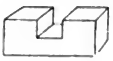
Radkeil (m)
wheel scotch *or* wedge
sabot (m) d'arrêt

клинъ (m) *или* башмакъ (m) для колёсъ
cuneo (m) da ruota *6*
taco (m) de detención

Windebohle (f)
packing block for screw jack
cale (f) pour cric, billot (m) pour cric

брусъ (m) подъ домкратъ
asse (f) *o* tavola (f) per l'arganello *7*
tabla (f) para gato

Federklotz (m)
spring carrying block
billot (m) *ou* cale (f) à soulever les ressorts



подставка (f) *или* плаха (f) для рессоры
ceppo (m) per molla *8*
tajo (m) para resortes

Wasserstandlaterne (f)
water level inspection lamp
lanterne (f) pour le niveau d'eau

фонарь (m) для водомѣрнаго стекла
lanterna (f) per il livello d'acqua *9*
linterna (f) para el nivel de agua

Manometerlaterne (f)
manometer inspection lamp
lanterne (f) pour le manomètre

фонарь (m) для манометра
lanterna (f) del manometro *10*
linterna (f) para el manometro

Werkzeugkasten (m)
tool-box
caisse (f) à outils

ящикъ (m) съ инструментами
cassetta (f) d'utensili *11*
caja (f) de herramientas

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Anzündelampe (f) mit offener Flamme
torch with open *or* exposed flame
1 lampe (f) d'allumage à flamme libre, allumeur (m) à flamme libre

зажигательная лампа (f) съ открытымъ пламенемъ
lampada (f) d'accensione a fiamma aperta
encendedor (m) de llama descubierta

Anzündelampe (f) mit geschützter Flamme
2 torch with protected flame
lampe (f) d'allumage à flamme couverte

зажигательная лампа (f) съ защищённымъ пламенемъ
lampada (f) d'accensione a fiamma chiusa
encendedor (m) de llama protegida

Windschutzkappe (f)
3 wind-cap
chapeau (m) paravent

a

колпакъ (m) для защиты отъ вѣтра
cappello (m) paravento
caperuza (f) paraviento

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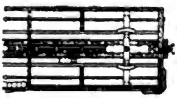
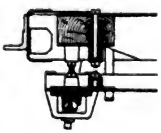
III.

Eisenbahnwagen
Railway Carriages and Wagons, Railway Cars (A)
Voitures et wagons

Желѣзнодорожные вагоны
Carri da ferrovia
Coches y vagones para ferrocarriles

Untergestell **Underframe** **Châssis**		**Рама** **Telaio [inferiore]** **Bastidor**	*1*
eisernes Untergestell (n) iron *or* steel underframe châssis (m) en fer		желѣзная рама (f) telaio (m) in ferro bastidor (m) de hierro	*2*
hölzernes Untergestell (n) timber underframe châssis (m) en bois		деревянная рама (f) telaio (m) in legno bastidor (m) de madera	*3*
gemischtes Gestell (n) composite underframe châssis (m) mixte		смѣшанная рама (f) telaio (m) misto bastidor (m) mixto	*4*
mit Holz gefütterter Eisenträger (m) iron beam filled with wood poutre (f) en fer avec fourrure en bois		желѣзная балка (f) съ деревянной прокладкой внутри trave (f) di ferro armata di legno viga (f) de hierro con henchimiento de madera	*5*
gepreßter Träger (m) pressed girder longeron (m) embouti, poutre (f) emboutie		штампованная балка (f) longherone (m) stampato larguero (m) embutido, viga (f) embutida	*6*

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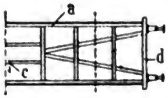
1 Blechträger (m)
plate girder
poutre (f) *ou* longeron (m) en tôle

балка (f), склёпанная изъ листового желѣза; клёпанная балка
longherone (m) in lamiera
viga (f) *ó* larguero (m) de palastro



a

2 Längsträger (m)
sole bar, sole, side sill (A)
longeron (m), brancard (m)

продольный швеллеръ (m); продольный брусъ (m)
fiancata (f), longherone (m), fianco (m), cosciale (m)
larguero (m)

3 Längsstrebe (f)
longitudinal
flèche (f)

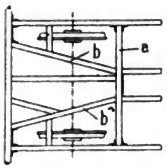
c

аппаратный продольный брусъ (m); брусъ
tirante(m)longitudinale, longherina (f)
tirante (m) *ó* riostra (f) longitudinal

4 Kopfstück (n), Bruststück (n), Brustbohle (f), Pufferbohle (f), Kopfschwelle (f), Stoßbalken (m)
head stock, buffer beam, end sill (A)
traverse (f) d'about, traverse (f) porte-tampons

d

буферный брусъ (m)
traversa (f) di testa, traversa (f) frontale
travesaño (m) de cabecera, cabezal (m)



a

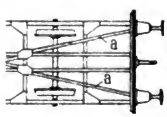
5 Querstrebe (f), Querträger (m), Querriegel (m)
cross bearer, transome *or* cross bar
entretoise (f) transversale

аппаратный поперечный брусъ (m)
tirante (m) trasversale
tirante (m) transversal

6 Schrägstrebe (f), Kreuzstrebe (f), Diagonalstrebe (f)
diagonal, brail (A)
[entretoise (f)] diagonale (f), bracon (m)

b

діагональный брусъ (m)
tirante (m) *o* puntello (m) diagonale
tirante (m) diagonal



a

7 Pufferstrebe (f)
buffer strut
entretoise (f) de tampon, bracon (m) de choc

буферный раскосъ (m)
contrafisso (m) *o* puntone (m) di paraurto
tirante (m) del tope

8 Kastenschwelle (f)
end timber
brancard (m)

продольный *или* швеллерный брусъ (m) кузова
traversa (f) di sostegno della cassa
travesero (m) de sostenimiento de la caja

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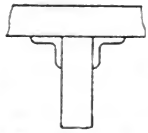
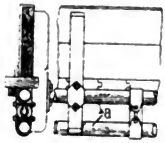
Eckwinkel (m)
knee, corner iron (A)
équerre (f) d'assemblage



рамный угольникъ (m)
cantonale (m) a fiangia
escuadra (f) de ensambladura 1

Röhrengestell (n)
tubular frame
châssis (m) tubulaire



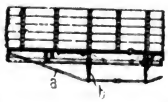
рама (f) изъ трубокъ; трубчатая рама
telaio (m) tubolare
bastidor (m) tubular 2

Rohrlängsträger (m)
tubular sole *or* sole-bar
longéron (m) tubulaire

a

трубчатая продольная балка (f); трубчатый швеллеръ (m)
longherone (m) tubolare
larguero (m) tubular 3

Sprengwerk (n)
truss
armature (f) de brancard



подвѣсная шпренгельная система (f); шпренгеля (m pl)
trave (f) armata *o* puntellata
armadura (f) de viga 4

Ankerstange (f)
[body] truss rod
tirant (m) [de brancard]

a

подпружина (f) *или* шпренгельная тяга (f); струна (f) шпренгеля
tirante (m) d'armatura
tirante (m) 5

Sprengwerkstütze (f)
body queen-post, body truss rod bracket
poinçon (m)

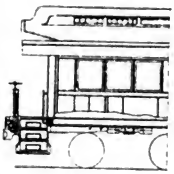
b

шпренгельная колонка (f) *или* бабка (f) *или* упорка (f)
puntello (m), contrafisso (m)
mangueta (f), virotillo (m) 6

Schraubenschloß (n), Spannschloß (n)
turnbuckle
tendeur (m) à vis

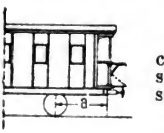
винтовая муфта (f); стяжная гайка (f)
tenditore (m) a vite
tensor (m) de tornillo 7

Wagen (m) ohne Untergestell
carriage *or* car (A) without underframe
voiture (f) sans châssis



вагонъ (m) безъ нижней рамы; вагонъ системы Полонсо
carrozzone (m) senza telaio
coche (m) sin bastidor 8

Überhang (m)
overhang
surplomb (m), saillie (f), porte-à-faux (m)



свѣсъ (m); выступъ (m)
sporto (m), aggetto (m)
saliente (f), vuelo (m) 9

a

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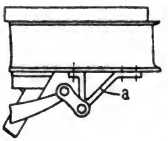
Tragstütze (f), Konsole (f)
1 bracket
corbeau (m), console (f), support (m)

кронштейнъ (m); консоль (f)
mensola (f)
ménsula (f), soporte (m) de suspensión

Kastenfederung (f)
2 spring suspension of body
ressorts (m pl) de suspension de la caisse

подвѣшиваніе (n) кузова на рессорахъ
sospensione (f) a molle della cassa
resortes (m pl) ó muelles (m pl) de suspensión de la caja

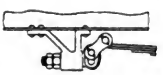
Federstütze (f), Federbock (m)
3 spring bracket
support (m) [de la main *ou* menotte] de ressort



a

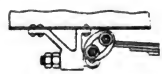
рессорная державка (f)
sostegno (m) della molla, reggimolla (m)
soporte (m) de [la mano de] ballesta

Laschenfedergehänge (n)
4 plate-link *or* -shackle spring rigging
suspension (f) de ressort à menottes *ou* à jumelles



подвѣшеніе (n) при посредствѣ плоскихъ серёгъ
sospensione (f) della molla con aste snodate
suspensión (f) de muelle por bielas ó placas gemelas

Kettengliedergehänge (n)
5 chain-link *or*-shackle spring rigging
suspension (f) de ressort à maillons *ou* à anneaux



подвѣшеніе (n) при посредствѣ цѣпныхъ звеньевъ
sospensione (f) della molla ad anella
suspensión (f) de muelle por eslabón

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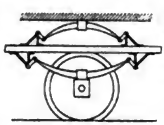
doppelte Kastenfederung (f)
6 double spring suspension of the body
double suspension (f) élast que *ou* par ressorts de la caisse



двойныя подвѣсныя рессоры (f pl) кузова
sospensione (f) del cassetto doppia a molle
suspensión (f) elástica doble de la caja, suspensión (f) doble de la caja por muelles

---

elastische Zwischenlage (f)
7 elastic packing
plaque (f) élastique interposée

упругая *или* эластичная прокладка (f)
strato (m) elastico interposto
capa (f) intermedia elástica

Holzzwischenlage (f)
8 wood block *or* packing
plaque (f) interposée en bois

деревянная прокладка (f)
strato (m) di legno interposto
capa (f) intermedia de madera

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Gewebebauplatte (f)
woven pad
tissu (m) d'appui interposé

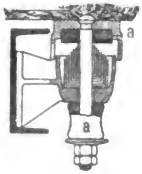
прокладка (f) изъ матеріи
piastra (f) con tessuto d'appoggio
tejido (m) de apoyo interpuesto

1

schalldämpfende Bleiplatte (f)
lead block to prevent noise
plaque (f) en plomb pour amortir le bruit

свинцовый листъ (m) -глушитель (m); свинцовый листъ для ослабленія шума
piastra (f) di piombo per ammortire il rumore
placa (f) de plomo para amortiguar el sonido

2



Federtopf (m), Federkonsole (f)
spring pocket *or* socket
cûvette (f) de ressort

рессорный стаканъ (m); рессорная консоль (f)
custodia (f) della molla
caja (f) para el muelle

3

Gummiplatte (f)
india rubber block, india rubber packing
rondelle (f) de caoutchouc

a

резиновая прокладка (f); резиновая шайба (f)
bariletto (m) di gomma
arandela (f) de goma

4

Filzplatte (f)
felt pad
plaque (f) de feutre

войлочная прокладка (f); войлочная шайба (f)
foglio (m) di feltro
placa (f) de fieltro

5

Wagenkasten, Oberkasten
Carriage Body, Superstructure
Caisse de voiture

Кузовъ вагона
Cassa della vettura
Caja de coche

6

Kastenlänge (f)
length of body
longueur (f) de la caisse

длина (f) кузова
lunghezza (f) della cassa
longitud (f) de la caja

7

Kastenbreite (f)
width of body
largeur de la caisse

ширина (f) кузова
larghezza (f) della cassa
anchura (f) *ó* ancho (m) de la caja

8

Kastenhöhe (f)
height of body
hauteur (f) de la caisse

высота (f) кузова
altezza (f) della cassa
altura (f) de la caja

9

lichte Kastenlänge (f) (-breite (f), -höhe (f))
inner length (width, height) of body
longueur (f) (largeur (f), hauteur (f)) intérieure de la caisse

длина (f) (ширина (f), высота (f)) кузова въ свѣту
lunghezza (f) (larghezza (f), altezza (f)) libera della cassa
longitud (f) (anchura (f), altura (f)) interior de la caja

10

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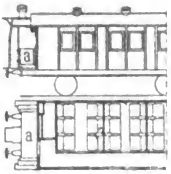
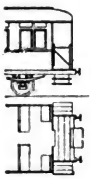
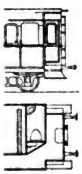
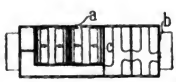
1	Endbühne (f), Plattform (f) [end]platform plate-forme (f)	 a	[концевая] площадка (f) piattaforma (f) plataforma (f)
2	offene Endbühne (f) open platform plate-forme (f) ouverte		балконъ (m); открытая площадка (f) piattaforma (f) di coda aperta plataforma (f) abierta
3	geschlossene Endbühne (f) enclosed platform plate-forme (f) fermée		тамбуръ (m); закрытая площадка (f) piattaforma (f) di coda chiusa plataforma (f) cerrada
4	Seitenwand (f), Längswand (f) side wall of body, side of car (A) paroi (f) latérale	 a	долевая *или* продольная стѣнка (f) parete (f) laterale pared (f) lateral
5	Stirnwand (f) end of body *or* car paroi (f) extrême *ou* d'about	b	лобовая стѣнка (f) parete (f) di testa *o* frontale, testata (f) pared (f) frontal, testera (f)
6	Zwischenwand (f), Trennungswand (f) partition cloison (f)	c	перегородка (f); поперечная стѣнка (f) parete (f) intermedia, tramezzo (m) pared (m) intermedia
7	Seitengangwand (f), Korridortrennungswand (f) corridor partition, inner partition of corridor paroi (m) latérale du couloir	 a	внутренняя продольная *или* долевая стѣнка (f); коридорная перегородка (f) parete (f) laterale *o* divisoria del corridoio pared (f) lateral del pasillo

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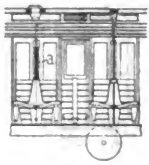
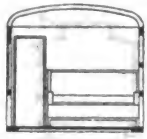


halbhohe Wand (f)
low partition, half-partition
cloison (f) à mi-hauteur

перегородка (f) до половины *или* на половину высоты
parete (f) *ó* tramezzo (m) a mezza altezza
pared (f) *ó* tabique (m) de altura media

1



gerade Seitenwand (f)
straight side
paroi (f) latérale droite

прямая долевая стѣнка (f)
parete (f) laterale diritta
pared (f) lateral recta

2

---

nach unten eingezogene Seitenwand (f)
»fall under« -side, »turn under« -side, concave side
paroi (f) latérale rentrante vers le bas *ou* carrossée

долевая стѣнка (f) съ изгибомъ внизу
parete (f) laterale centinata al basso
pared (f) lateral encorvada inferiormente hacia dentro

3

Wagendach (n)
carriage *or* car (A) roof *or* deck
toiture (f) de voiture

крыша (f) вагона
tetto (m), copertura (f) della vettura
techo (m) del coche

4

Wölbung (f) des Daches
curvature *or* camber of the roof, arch of the roof
bombement (m) *ou* courbure (f) du toit

выпуклость (f) *или* подъёмъ (m) крыши
curvatura (f) *o* volta (f) del tetto
bombeamiento (m) *ó* combadura (f) del techo

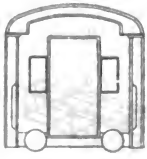
5

Scheitel (m) des Daches
crown of the roof
faîte (m) du toit

a

вершина (f) крыши
vertice (m) del tetto
cima (f) del techo

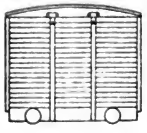
6



hoch gewölbtes Dach (n)
high arched roof
toit (m) voûté surhaussé

сильно выпуклая крыша (f); эллиптическая крыша
tetto (m) a forte curvatura *o* molto rialzato
techo (m) muy combado

7



schwach gewölbtes Dach (n)
low arched roof
toit (m) voûté surbaissé

слабо *или* мало выпуклая крыша (f)
tetto (m) a piccola curvatura *o* poco rialzato
techo (m) poco combado

8

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1 Vordach (n), Plattformdach (n)
platform roof
toit (m) de plate-forme

крыша (f) надъ площадкой
tetto (m) *o* copertura (f) della piattaforma
techo (m) de plataforma

---

2 Dachaufbau (m), Dachaufsatz (m), Dachreiter (m)
clere-story, clear-story
lanterneau (m) [de toit]

фонарь (m) въ крышѣ
lucernario (m) del tetto
tragaluz (m), claraboya (f) [de techo]

---

3 einseitiger Dachaufsatz (m)
unsymmetrical *or* eccentric clere-story
lanterneau (m) placé sur le côté

односторонній *или* боковой фонарь (m) въ крышѣ
lucernario (m) unilaterale
tragaluz (m) unilateral

---

4 Sonnendach (n)
sun protection roof
toiture-abri (f) contre le soleil

навѣсъ (m) отъ солнца
tetto (m) a riparo del sole
techado (m) protector contra el sol

---

5 Mittelgang (m)
central corridor, aisle
couloir (m) central *ou* médian

средній корридоръ (m) *или* проходъ (m); проходъ посрединѣ
corridoio (m) centrale *o* mediano
pasillo (m) central *ó* medio

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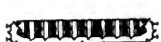
6 Seitengang (m), Korridor (m)
side corridor *or* passageway
couloir (m) latéral



боковой корридоръ (m) *или* проходъ (m); проходъ сбоку
corridoio (m) laterale
pasillo (m) lateral

---

7 Kastengerippe (n)
body frame *or* skeleton carcasse (f) *ou* charpente (f) *ou* ossature (f) de caisse

остовъ (m) кузова
travatura (f) *o* ossatura (f) della cassa
armazón (f) de la caja

---

8 Dach- oder Deckenrahmen (m), Oberrahmen (m)
roof frame
cadre (m) du toit *ou* du pavillon

верхняя обвязка (f)
telaio (m) del tetto, telaio (m) superiore
marco (m) del techo

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Bodenrahmen (m), Unterrahmen (m)
floor frame
cadre (m) inférieur, ceinture (f) inférieure

b

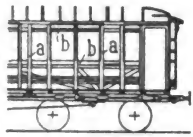
нижняя обвязка (f)
telaio (m) del pavimento, telaio (m) inferiore
marco (m) ó cerco (m) inferior

1

Rahmenholz (n), Rahmenbalken (m)
frame timber
poutre (f) du cadre

обвязочный брусъ (m)
trave (f) o legname (m) del telaio
maderos (m pl) del marco

2



Pfosten (m), Säule (f), Stiel (m)
body post, pillar, side pillar
montant (m)

стойка (f)
montante (m), ritto (m)
poste (m), montante (m), larguero (m)

3

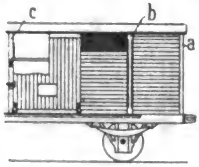
a

Querriegel (m)
transom
traverse (f) de ceinture

b

поперечина (f)
traverso (m), traversa (f)
travesaño (m) ó traversero (m) lateral

4



Ecksäule (f), Eckrunge (f)
end pillar, end stanchion *or* muntin, corner post
montant (m) d'angle, pied (m) cornier

угловая стойка (f)
montante (m) d'angolo, cantonale (m)
montante (m) de esquina

5

a

Zwischensäule (f), Mittelrunge (f)
intermediate post
montant (m) intermédiaire

b

промежуточная стойка (f)
montante (m) intermedio
montante (m) intermedio

6

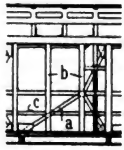
Türsäule (f), Türrunge (f)
door post
montant (m) de porte

c

дверная стойка (f)
montante (m) della porta
montante (m) ó poste (m) de la puerta

7

Wandversteifung (f)
reinforcement *or* trussing of body side frame
renforcement (m) *ou* consolidation (f) de la paroi



стѣнное крѣпленіе (n)
rinforzo (m) della parete
refuerzo (m) ó arriostramiento (m) de la pared

8

Zugstange (f)
brace
écharpe (f) en fer plat

a

тяга (f) *или* связь (f)
tirante (m)
tirante (m) ó riostra (f) de hierro plano

9

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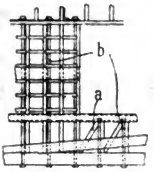
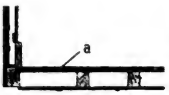
1	Druckstrebe (f) post, pillar stanchion pied (m) droit (f), jambe (f) de force, montant (m)	b	подкосъ (m); подпорка (f) contraffisso (m) virotillo (m), larguero (m), jamba (f) de fuerza
2	Versteifungsriegel (m) transom, waist rail, auxiliary belt rail (A), girth rail (A) entretoise (f), étrésillon (m), traverse (f) de ceinture	c	ригель(m); распорка (f) sbarra (f) di rinforzo barra (f) de refuerzo, riostra (f)
3	Schrägband (n), Kreuzstrebe (f) diagonal brace écharpe (f), entretoise (f) diagonale	 a	раскосъ (m) diagonale (f), trave (f) di crociera riostra (f), jabalcón (m)
4	Rundeisenanker (m) tie rod, brace rod tirant (m) en fer rond	b	связь (f) *или* стяжная тяга (f) изъ круглаго желѣза tirante (m) di ferro tondo tirante (m) de hierro redondo
5	Fußboden (m) floor plancher (m)	 a	полъ (m) pavimento (m) piso (m), entarimado (m), entablonado (m)
6	Bodenschwelle (f) floor joist traverse (f) de plancher		подпольный *или* половой брусъ (m) traversa (f) del pavimento travesaño (m) del piso
7	Langschwelle (f) longitudinal, sill (A) longrine (f)	a	продольный подпольный *или* половой брусъ (m) longherina (f) larguero (m)
8	Stirnwandschwelle (f) head stock, end sill (A) traverse (f) d'about	b	нижній обвязочный поперечный брусъ (m) traversa (f) della parete estrema *o* di testata travesaño (m) de testera
9	Mittelschwelle (f) center sill (A) longrine (f) intermédiaire	c	промежуточный подпольный *или* половой брусъ (m) traversa (f) mediana travesaño (m) intermedio

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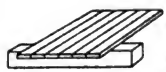
Bodenbelag (m)
floor board, flooring
plancher (m), revêtement (m)

верхній *или* чистый полъ (m); половой настилъ (m)
tavolato (m) del pavimento
revestimiento (m) del piso *1*

Bretterlage (f)
layer of boards, boarding
garniture (f) (d'une couche) de planches, voligeage (m)



рядъ (m) досокъ
strato (m) di tavole, tavolato (m)
entarimado (m) *2*

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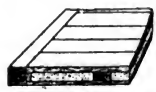
doppelter Fußboden (m)
double layer of (floor-) boards, double floor
plancher (m) double



двойной [досчатый] полъ (m)
tavolato (m) doppio
entarimado (m) doble *3*

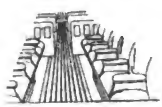
Bodenbrett (n)
floor board
planche (f) de fond

половая доска (f); половица (f) настила
tavola (f), asse (f) del tavolato
tabla (f) de entarimado *4*

Holzrost (m), Laufrost (m)
wood grating, floor mat (A)
grille (f) en bois

деревянная рѣшётка (f)
reticolato (m) di legno
enrejado (m) de madera *5*

Lattenrost (m)
grating of laths
claire-voie (f), grille (f) de lattes



половая рѣшётка (f) изъ продольныхъ брусковъ
reticolato (m) di assicelle
enrejado (m) de tablas *6*

Querlattenrost (m)
grill with transverse floor laths *or* slats
claire-voie (f) en lattes transversales

половая рѣшётка (f) изъ поперечныхъ брусковъ
reticolato (m) di assicelle trasversali
enrejado (m) de tablas transversales *7*

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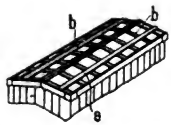
den Fußboden [ver]legen (v)
to lay [down] the floor, to put down the floor, to floor
poser (v) le plancher

настилать полъ
porre (v) *o* montare (v) il pavimento
colocar (v) el entarimado *8*

Dachgerippe (n)
roof skeleton
charpente (f) de la toiture *ou* du pavillon, ossature (f) du toit



остовъ (m) *или* обрѣшётка (f) крыши
ossatura (f) del tetto
armazón (m) del techo *9*

Dachlängsträger (m)
deck sill, top plate
longrine (f) de pavillon *ou* de toiture

a

продольный брусъ (m) крыши
longherina (f) del tetto
larguero (m) de techo, correa (f) *10*

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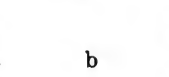
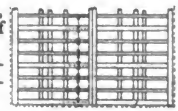
1 Dachspriegel (m)
roof stick, hoop stick *or* rib, carline (A)
chevronnage (m) de toiture, courbe (f) de pavillon



стропилина (f) крыши
centina (f) del tetto, arcale (m)
cerco (m) *ó* curva (f) de techo

2 Spriegelteilung (f)
pitch of roof-sticks, distance between roof sticks
espacement (m) *ou* écartement (m) des courbes de pavillon *ou* chevronnages



разстояніе (n) между стропилинами крыши
distribuzione (f) delle centine
distancia (f) entre los cercos *ó* las curvas

3 Dachbogen (m)
arch of roof
courbe (f) de pavillon

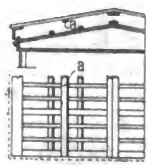
a

дуга (f) крыши
curva (m) del tetto
arco (m) de techo

4 Satteldach (n)
saddle roof, ridge roof
toit (m) en bâtière *ou* à deux versants

двускатная крыша (f)
tetto (m) a sella *od* a due spioventi
techo (m) de dos pendientes

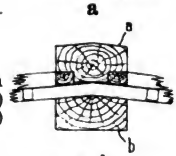
5 Dachpfette (f)
purlin
panne (f) de toiture



a

продольная обрѣшётина (f); ригель (m); стяга (f)
tavola (f) di comignolo *o* di testa
correa (f)

6 Firstbalken (m)
ridge pole, ridge beam
poutre (f) *ou* longrine (f) de faîte, faîtage (m)



a, b

коньковый брусъ (m) конёкъ (m)
trave (m) di cresta *o* di comignolo
cumbrera (f), hilera (f)

7 einfaches Dach (n)
single [-board] roof
toit (m) simple

простая крыша (f)
tetto (m) semplice
techo (m) sencillo

8 Doppeldach (n)
double [-board] roof
toit (m) double

двойная крыша (f)
tetto (m) doppio
techo (m) doble

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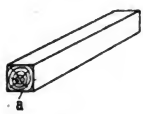
Holzverbindung (f)
joining *or* jointing of timber
assemblage (m) du bois

деревянныя врубки (f pl); плотничное соединеніе (n)
collegamento (m) del legname
ensambladura (f) ó unión (f) de la madera
1

Bohle (f)
plank, joist
madrier (m)

брусокъ (m)
tavola (f)
madero (m)
2

Balken (m)
beam, timber
poutre (f)



балка (f)
trave (m)
viga (f)
3

Stirnfläche (f)
face
surface (f) d'about, surface (f) extrême

a

торецъ (m); торцевая поверхность (f); засока (f)
superficie (f) frontale *od* estrema
superficie (f) al tope
4

Schwalbenschwanz (m)
dovetail
queue (f) d'aronde

сковородень (m); сковородникъ (m); ласточкинъ хвостъ (m)
coda (f) di rondine
cola (f) de milano
5

Stoßfuge (f)
straight joint
joint (m) [d'about]

a

стыкъ (m)
giunto (m)
junta (f) de tope
6

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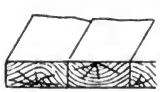
stumpfe Stoßfuge (f)
butt joint
joint (m) plat



тупой стыкъ (m); простая прифуговка (f)
giunto (m) ottuso, unione (f) ottusa
junta (f) plana
7

Spundung (f), Verbindung (f) mit Feder und Nut
tongued and grooved joint
assemblage (m) à rainure et languette

соединеніе (n) въ шпунтъ; шпунтовое соединеніе; соединеніе съ пазомъ и гребнемъ
collegamento (m) *od* unione (f) a scanalatura e linguetta *od* a maschio e femina
ensambladura (f) ó unión (f) de ranura y lengüeta
8

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gespundet (adj)
tongued and grooved
assemblé (adj) à rainure et languette

соединённый въ шпунтъ
unito (agg) a scanalatura e linguetta *od* a maschio e femina
ensamblado (adj) ó unido (adj) con ranura y lengüeta
9

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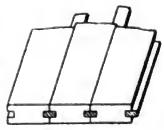
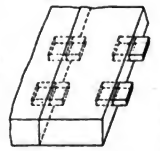
1 Spundung (f) mit eingelegter Feder
joint with loose tongue
assemblage (m) à languette encastrée *ou* rapportée



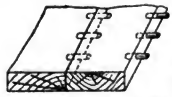
соединеніе (n) въ шпунтъ *или* шпунтовое соединеніе со вставнымъ гребнемъ
unione (f) a linguetta riportata *od* incastrata
ensambladura (f) con lengüeta embutida

2 Spundung (f) mit Zapfen
tenon dowel joint, mortise dowel joint
assemblage (m) à tenon



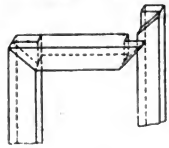
соединеніе (n) на шипахъ *или* шпонкахъ; сплотка (f) со вставными шипами
unione (f) con tenone
ensambladura (f) con espiga

3 Verdübelung (f)
dowel joint
chevillage (m)



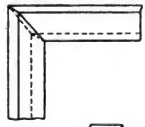
соединеніе (n) на деревянныхъ шпилькахъ
unione (f) con spine
unión (f) con clavijas

4 Aufblattung (f)
half mitre joint
assemblage (m) à mibois



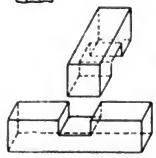
угловое соединеніе (n) въ пол-дерева; угловая врубка (f) въ четверть; соединеніе на усъ въ четверть
unione (f) a mezzo legno
ensambladura (f) á media madera

5 stumpfe Gehrung (f)
mitred quoin, mitre joint
assemblage (m) d'onglet



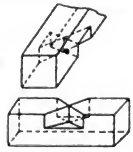
соединеніе (n) на усъ
unione (f) a unghia *o* smusso
ensambladura (f) de inglete *ó* en bisel

6 Überschneidung (f)
half lap joint
entaillage (m)



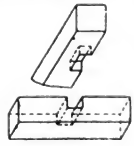
простая вязка (f) въ полдерева; простая врубка (f) въ четверть
intagliatura (f), unione (f) a metà legno
entalladura (f), escopleadura (f)

7 kreuzförmige Überschneidung (f)
cross notching, cross jagging
entaillage (m) cruciforme *ou* en croix



фасонная вязка (f) въ полдерева; фасонная врубка (f) въ четверть
unione (f) ad intaglio a croce
entalladura (f) cruciforme *ó* en cruz

8 Überkämmung (f)
notching
assemblage (m) à tenon et entaille



соединеніе (n) шипомъ со врубкою въ полдерева *или* въ четверть
unione (f) a maschio e femina
ensambladura (f) con espiga y entalladura

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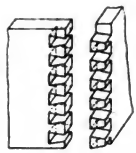
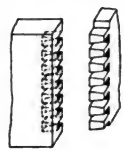
einfache Zinken (f pl)
common dovetails
queues (f pl) d'aronde[s] ouvertes



сквозные шипы (m pl)
code (f pl) di rondine semplici
colas (f pl) de milano abiertas

1

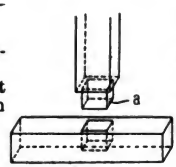
gedeckte Zinken (f pl)
lap dovetails, secret lap dovetails, blind dovetailing
queues (f pl) d'aronde[s] à bouts cachés



глухие *или* крытые *или* полупотайные шипы (m pl)
code (f pl) di rondine ricoperte
colas (f pl) de milano cubiertas

2

Verzapfung (f), Zapfenverbindung (f)
tenon and mortise joint
assemblage (m) à tenon et mortaise



врубка (f) *или* соединение (n) шипомъ
collegamento (m) a tenone ed incastro
ensambladura (f) de espiga y caja *ó* mortaja *ó* escopleadura

3

Zapfen (m)
tenon
tenon (m)

a

шипъ (m)
tenone (m)
espiga (f)

4

verzapft (adj)
tenoned (adj)
assemblé (adj) à tenon et mortaise

соединённый шипомъ
unito (agg) a tenone ed incastro
unido (adj) á espiga y caja

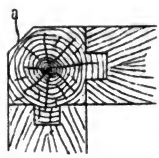
5

[Ver-]Werfen (n) des Holzes
warping of the wood
déjètement (m) du bois

коробленіе (n) дерева
incurvamento (m) del legno
alabeo (m) de la madera

6

die Kante brechen (v) *oder* abfasen (v)
to chamfer *or* bevel the edge
chanfreiner (v), biseauter (v)



кантовать; скашивать *или* отбирать кромку
smussare (v) *od* arrotondare (v) gli spigoli
achaflanar (v)

7

gebrochene Kante (f), Fase (f)
chamfered *or* beveled edge
chanfrein (m), biseau (m)

a

скошенная *или* кантованная кромка (f)
smusso (m), spigolo (m) smussato
chaflán (f)

8

abgerundete Kante (f)
rounded edge
arrondi (m), arête (f) arrondie

закруглённая кромка (f)
spigolo (m) arrotondato
arista (f) redondeada

9

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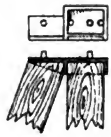
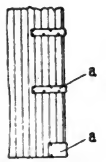


1 gußeiserner Strebenschuh (m) / cast iron shoe / sabot (m) de fonte — чугунный подкосный башмакъ (m) / scatola (f) di ghisa / casquillo (m) de fundición

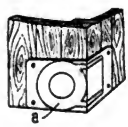
2 Rahmenecke (f) / corner of framing / angle (m) de châssis — рамный угольникъ (m) / angolo (m) del telaio / ángulo (m) del bastidor



3 Eckband (n) / corner plate, angle / équerre (f) — полосовой угольникъ (m); цапка (f) / squadra (f) / escuadra (f)

a

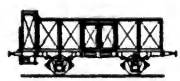
4 gepreßtes Eckband (n) / pressed knee, pressed corner plate, pressed angle / équerre (f) emboutie — штампованный полосовой угольникъ (m); штампованная цапка (f) / squadra (f) stampata / escuadra (f) embutida



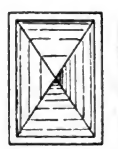
5 Verschiebewulst (m) / boss / bourrelet (m) — выступъ (m) *или* очко (n) для гайки стяжного болта / ribordo (m) / reborde (m)

a

6 gegossenes Eckband (n) / cast knee, cast angle / équerre (f) coulée — литой полосовой угольникъ (m); литая цапка (f) / squadra (f) fusa / escuadra (f) fundida



7 Stahlwagen (m), eiserner Wagen (m) / steel carriage *or* wagon, steel car (A) / wagon (m) [à caisse] en tôle d'acier — вагонъ (m) со стальнымъ кузовомъ; вагонъ съ желѣзнымъ кузовомъ / carro (m) a cassa di acciaio, carro (m) di acciaio / vagón (m) [con caja] de palastro de acero



8 Buckelplatte (f) / embossed *or* dished *or* buckled plate / tôle (f) emboutie — выпуклый листъ (m) / piastra (f) *o* lamiera (f) imbottita / placa (f) de palastro embutida

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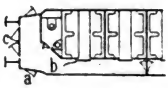
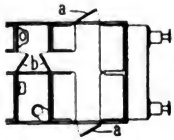
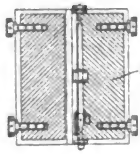
Wagenverschluß **Carriage Closing Mechanism** **Fermeture de voiture**		**Затворъ вагона** **Chiusura della vettura** **Cierre del coche**	
Tür[e] (f) door porte (f), portière (f)	 a, b, c	дверь (f) porta (f) puerta (f)	2
Außentür (f), Plattformtür (f) entrance door, outer door porte (f) extérieure	a	наружная дверь (f) porta (f) esterna puerta (f) exterior	3
Innentür (f) inside door porte (f) intérieure	b	внутренняя дверь (f) porta (f) interna puerta (f) interior	4
Stirnwandtür (f) end door porte (f) de bout	c	дверь (f) въ лобовой или концевой стѣнкѣ porta (f) della parete di testa puerta (f) de pared testera	5
Seitentür (f) side door porte (f) *ou* portière (f) latérale	 a	боковая дверь (f) porta (f) laterale puerta (f) lateral	6
Zwischentür (f), Mittelwandtür (f) partition door, intermediate door porte (f) de communication	b	промежуточная дверь (f) porta (f) intermedia puerta (f) interior *ó* del pasillo	7
doppelflügelige Tür (f) door with two leaves, two leaved door porte (f) à deux vantaux *ou* battants		двустворчатая дверь (f) porta (f) a due battenti puerta (f) de dos hojas *ó* batientes	8
Türflügel (m) leaf of a door battant (m) *ou* vantail (m) de porte	a	створка (f) дверей; дверное полотнище (n) battente (m) della porta hoja (f) *ó* batiente (m) de puerta	9

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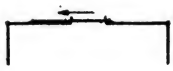
1 Drehtür (f)
hinged *or* swing door
porte (f) à charnières

навѣсная дверь (f) [на петляхъ]
porta (f) girevole
puerta (f) con bisagras

2 Schiebetür (f), Schubtür (f)
sliding door
porte (f) glissante *ou* à coulisse

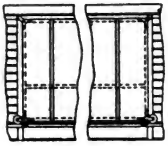


задвижная дверь (f)
porta (f) scorrevole
puerta (f) corrediza *ó* de corredera

3 Pendeltür (f), Doppeldrehtür (f)
double swing door
porte (f) pivotante

дверь (f), открывающаяся въ обѣ стороны
porta (f) imperniata *od* a due voli
puerta (f) de pivote

4 Bordwandschieber (m)
shutter door
porte (f) roulante *ou* coulissante

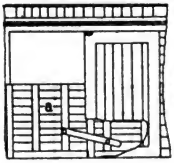


задвижная дверь (f) вровень со стѣнкой; вдвижная дверь
porta (f) rientrante *od* a coulisse
puerta (f) embutida

5 Falltür (f)
trap door
trappe (f)

спадающая дверь (f)
botola (f)
trampa (f)

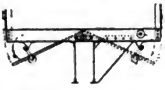
6 Vorsatzbrett (n)
grain door
planche (f) de recouvrement



дверная заставка (f); дверной щитъ (m)
tavola (f) di rivestimento
tabla (f) de revestimiento

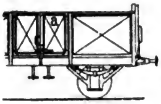
a

7 Bodenklappe (f), Bodenfalltür (f)
drop door in floor
trappe (f) de fond *ou* de plancher



половой люкъ (m)
botola (f) del pavimento
trampa (f) de fondo *ó* de piso

8 Ladetür (f)
loading door, feed door
porte (f) de chargement



дверь (f) для нагрузки
porta (f) di caricamento
puerta (f) de carga

a

9 Ladeluke (f)
loading *or* feed opening
ouverture (f) de chargement

люкъ (m) для нагрузки
botola (f) di caricamento
abertura (f) de carga

10 Seitenwandluke (f)
opening in side planking
ouverture (f) de paroi latérale

люкъ (m) въ боковой стѣнкѣ
apertura (f) della parete laterale
abertura (f) de pared latéral

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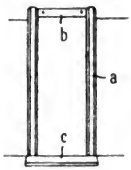
Ladeklappe (f)
flap
trappe (f) de chargement

дверцы (f pl) для нагрузки
botola (f) di caricamento 1
trampa (f) de carga

Staubtür (f)
dust flap
porte (f) (à fermeture) antipoussière

дверь (f), не пропускающая пыли
porta (f) di riparo contro la polvere 2
puerta (f) para limpiar el polvo



Türgerüst (n), Türeinfassung (f), Türstock (m)
door case, door casing
cadre (m) *ou* chambranle (m) de porte

обвязка (f) дверного просвѣта
telaio (m) della porta 3
marco (m) de puerta

Türpfosten (m), Türstiel (m), Türsäule (f)
door post, door jamb
montant (m) de porte

a

дверная стойка (f)
stipite (m) *o* montante (m) della porta 4
larguero (m) *ó* poste (m) de puerta

Türkappe (f), Türquerhaupt (n)
door lintel, door header (A)
linteau (m) de porte

b

дверная перемычка (f)
architrave (m) della porta 5
dintel (m) *ó* cabecero (m) de puerta

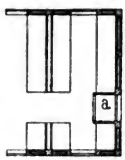
Türschwelle (f)
door sill, threshold
seuil (m) de porte

c

дверной порогъ (m)
soglia (f) della porta 6
umbral (m) de puerta

Türschutzdach (n)
door canopy
marquise (f) *ou* auvent (m) de porte

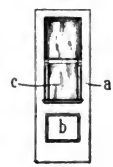
навѣсъ (m) надъ дверьми; зонтъ (m)
tetto (m) di riparo della porta 7
cobertizo (m), marquesina (f)



Windfang (m)
draught screen, vestibule
paravent (m)

тамбуръ (m); [короткій корридоръ (m)]
paravento (m) 8
biombo (m), mampara (f)

a



Türrahmen (m), Türgerippe (n), Türfriese (f)
door frame, door framing
châssis (m) de la porte

дверной переплётъ (m); дверная рама (f)
telaio (m) della porta, ossatura (f) della porta 9
bastidor (m) *ó* armazón (m) de puerta

a

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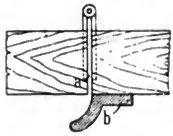
1	Türfüllung (f) door-panel panneau (m) de porte	b	филёнка (f) panello (m) della porta entrepaño (m) ó tablero (m) de puerta
2	Türfenster (n) door-sash, door light fenêtre (f) de portière, châssis (m) vitré	c	дверное окно (n) finestra (f)della porta ventanilla (f) de puerta
3	Türfuge (f) door joint joint (m) *ou* jeu (m) de la porte		дверная щель (f); дверной притворъ (m) interstizio (m) della porta intersticio (m) de la puerta
4	Schlagleiste (f) rebate moulding moulure (f) *ou* languette (f) d'appui (du cadre)		притворная планка (f) listello (m) di arresto listón (m) de tope, baquetón (m)
5	Windschutzleiste (f) cover joint moulding liteau (m) brise-vent		предохранительная планка (f) отъ задуванія lista (f) di riparo contro il vento contrapilastra (f)
6	Gummipuffer (m) india rubber buffer tampon (m) de caoutchouc		резиновый буферъ (m); резиновая прокладка (f) tampone (m) di gomma tope (m) de goma
7	Versacken (n) der Tür settling of the door, sag of the door affaissement (m) de la porte		осадка (f) *или* перекосъ (m) abbassamento (m) della porta descenso (m) de la puerta
8	Türspalte (f) space between door and case joint (m) de porte	 a	дверная щель (f); дверной зѣвъ (m) scanalatura (f) della porta ranura (f) de puerta
9	Fingerschutzleiste (f), Klemmleiste (f) finger guard garde-mains(m), couvre-joint (m) garde-mains	b	рейка (f) для предупрежденія защемленія пальцевъ guardamano (m), listello (m) guardamano tope (m), listón (m) cubrejunta, guardamano (m)
10	Handriemen (m) hand strap courroie (f) à main, poignée (f) de tirage	 a	ременной поручень (m) correggia (f) a mano, cinghia (f) corrimano correa (f) á mano

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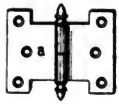
Türangel (f)
door hinge
gond (m) de porte



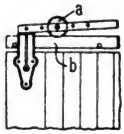
дверная петля (f)
cardine (m) della porta 1
gozne (m) de puerta

Gelenkband (n), Scharnier (n)
hinge joint
charnière (f)

a

шарниръ (m)
cerniera (f) 2
charnela (f), bisagra (f)

Tür[lauf]rolle (f)
door roller *or* sheave (A)
galet (m) de porte



a

дверной роликъ (m)
rotella (f) della porta 3
rodilla (f) de puerta

Türrollenlaufschiene (f)
door roller rail, door roller runner
rail (m) des galets de porte

b

дверной рельсъ (m); рельсъ для дверныхъ роликовъ
guida (f) per le rotelle della porta 4
carril (m) de guía de las ruedecillas

Glasschlitten (m)
glass sliding
rail (m) *ou* plate-bande (f) en verre

направляющія (f pl) движенія оконной рамы 5
guida (f) del vetro
faja (f) de vidrio

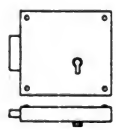
Türverschluß (m)
door fastening
fermeture (f) de porte

дверной запоръ (m)
chiusura (f) della porta 6
cierre (m) de puerta

zollsicherer Türverschluß (m)
customs sealed door-lock
serrure (f) de sûreté contre les fraudeurs

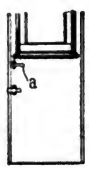
таможенный затворъ (m) дверей при переходѣ черезъ границу
serratura (f) della porta con sicurezza contro le frodi doganali 7
cerradura (f) de seguridad contra los defraudadores

Türschloß (n)
door lock
serrure (f) de porte



дверной замокъ (m)
serratura (f) della porta 8
cerradura (f) de puerta

Klinkenverschluß (m)
latch-lock
fermeture (f) à pêne



запоръ (m) съ щеколдой
serratura (f) a saliscendi 9
cierre (m) de pestillo

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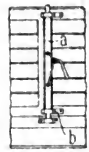
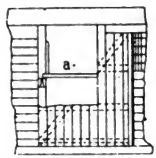
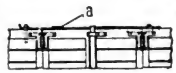
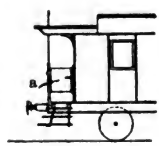
1	Schnappschloß (n) spring *or* snap lock serrure (f) à ressort		запоръ (m) съ защёлкой и пружиной serratura (f) a molla cerradura (f) de resorte
2	Türdrücker (m) door [lock] handle poignée (f) de porte, clinche (f) [*ou* clenche (f)] de porte	a	ручка (f) impugnatura (f), maniglia (f) della porta picaporte (m)
3	Bartschlüssel (m) ward key, house key (A) clé (f) à panneton		ключъ (m) съ бородкой chiave (f) con sporgenza llave (f) de guardas
4	Riegelverschluß (m) door bolt mechanism fermeture (f) à verrou		запоръ (m) съ задвижкой chiusura (f) a catenaccio cierre (m) de cerrojo
5	Verschlußriegel (m) door bolt *or* bar verrou (m) de fermeture	a	запорная задвижка (f); шпингалетъ (m) catenaccio (m) di chiusura cerrojo (m) de cierre
6	Riegelführung (f), Riegelkloben (m) door bolt guide guide (m) du verrou	b	направляющая (f) задвижки guida (f) del catenaccio guía (f) del cerrojo
7	Türvorleger (m), Vorlegebaum (m), Brustriegel (m) cross bar barrière (f)	 a	дверная перекладина (f) traversa (f) di arresto travesaño (m) de detención
8	Überlageisen (n), Überlegstange (f) locking bar fer (m) *ou* barre (f) supérieure (de fermeture)	 a	дверная накладка (f) *или* накидка (f) ferro (m) *o* sbarra (f) di chiusura barra (f) superior de cierre
9	Bleisiegelverschluß (m), Plombenverschluß (m) lead *or* plumb seal fermeture (f) plombée		свинцовая пломба (f) chiusura (f) piombata cierre (m) con plomo
10	Verschlußbügel (m) seal ring étrier (m) de fermeture	a	запорная скоба (f) staffa (f) di chiusura estribo (m) de cierre
11	Plattformverschluß (m) platform locking porte (f) de plate-forme		барьеръ (m) *или* ограждение (m) площадки chiusura (f) della piattaforma cierre (m) de plataforma

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Plattformtür (f)
platform door
porte (f) de plate-forme

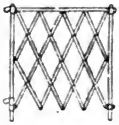
a

дверцы (fpl) площадки
porta (f) della piattaforma
puerta (f) de plataforma
1

Stangenabschluß (m)
rod-gate, bar-gate
fermeture (f) à fléau

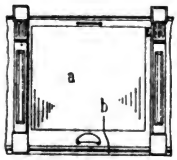
загражденіе (n) откидной планкой
chiusura (f) a rampone
cierre (m) de falleba
2

Gittertür (f)
folding lattice door, pantograph gate
porte (f) à treillis



рѣшетчатыя дверцы (fpl)
cancello (m)
puerta (f) de rejilla
3

Wagenfenster (n)
carriage window, carriage light, car sash (A)
fenêtre (f) de voiture, châssis (m) vitré *ou* de glace



вагонное окно (n)
finestra (f) *o* finestrino (m) della vettura
ventanilla (f), vidriera (f) de coche
4

Fensterscheibe (f)
window pane
vitre (f) *ou* glace (f) de fenêtre

a

оконное стекло (n)
vetro (m) della finestra
vidrio (m) de vidriera
5

Fensterbrüstung (f), Fenstersockel (m)
window sill
appui (m) de fenêtre

b

подоконникъ (m)
parapetto (m) *o* davanzale (m) della finestra
umbral (m) *ó* antepecho (m) de ventanilla
6

Spiegelglas (n)
plate glass
glace (f)

зеркальное стекло (n)
vetro (m) da specchi, specchio (m)
cristal (m), luna (f)
7

Marmorglas (n)
marbled *or* clouded glass *or* frosted
verre (m) marbré

опаковое стекло (n); мраморовидное стекло
vetro (m) marmorizzato
cristal (m) jaspeado
8

Glaserkitt (m)
glaziers putty
mastic (m) [de vitrier]

замазка (f) [для стекольщиковъ]
mastice (m) per vetro
masilla (f) de vidriero
9

Doppelfenster (n)
double window, double light, double sash (A)
double fenêtre (f)

двойное окно (n)
finestra (f) doppia
vidriera (f) doble
10

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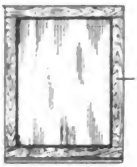

1 Fensterrahmen (m) sash [frame], window frame, light frame châssis (m) de glace — оконная рама (f) telaio (m) di finestra marco (m) de vidriera

2 Holzrahmen (m) wood frame châssis (m) en bois — деревянная рама (f) telaio (m) di legno marco (m) de madera

3 Metallrahmen (m) metallic frame châssis (m) métallique — металлическая рама (f) telaio (m) metallico marco (m) metálico

4 Metallrahmen (m) mit Holzausfütterung metal sash stile with wooden filler châssis (m) métallique avec fourrure en bois — металлическая рама (f) съ деревомъ внутри telaio (m) in lamiera imbottito di legname bastidor (m) metálico con relleno de madera

5 rahmenloses Fenster (n) frameless window, window without frame fenêtre (f) sans châssis — окно (n) безъ рамы finestra (f) senza telaio vidriera (f) sin marco

6 festes Fenster (n) fixed window fixed light fenêtre (f) à châssis dormant — неподвижное окно (n) finestra (f) fissa vidriera (f) fija

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herablaßbares Fenster (n), Fallfenster (n)
drop window, drop light *or* sash A)
fenêtre (f) à châssis, fenêtre (f) à coulisse mobile *ou* glissant verticalement

опускное окно (n)
finestra (f) a ribassarsi
vidriera (f) móvil, ventana (f) de traslación vertical *1*

Schubfenster (n), Schiebefenster (n)
sash window, sliding window
châssis (m) de fenêtre à coulisse

выдвижное окно (n)
finestrina (f) a registro *2*
vidriera (f) corrediza

Ausgleichvorrichtung (f) des Fenstergewichtes
sash balance window
dispositif (m) d'équilibrage de la fenêtre

приспособленіе (n), уравновѣшивающее вѣсъ окна: оконный противовѣсъ (m)
disposizione (f) equilibrante il peso del telaio *o* con contrappeso *3*
disposición (f) de equilibrio del marco

Fenster (n) mit ausgeglichenem Gewichte
balanced window *or* sash (A)
châssis (m) équilibré *ou* à contrepoids

уравновѣшенное окно (n); окно съ уравновѣшивающимъ грузомъ
finestra (f) equilibrata *od* a contrappeso *4*
vidriera (f) equilibrada *ó* con contrapeso

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das Fenster nach oben schieben (v)
to raise the window, to pull up the window
lever (v) le châssis *ou* la glace

поднять окно
alzare (v) il telaio della finestra *5*
subir (v) la vidriera

---

das Fenster herablassen (v) *oder* nach unten schieben (v)
to let the window down, to drop *or* to lower the window
baisser (v) le châssis *ou* la glace

опустить окно
abbassare (v) il telaio della finestra *6*
bajar (v) la vidriera

---

das Fenster seitwärts schieben (v)
to slide the window sideways
faire glisser (v) la fenêtre latéralement

задвинуть окно въ сторону
spingere (v) a parte la finestra *7*
hacer deslizar (v) la vidriera lateralmente

Fenstergriff (m), Hebering (m)
window lift, window handle, sash lift (A)
poignée (f) de châssis

a

ручка (f) *или* кольцо (n) для поднятія окна
impugnatura (f) della finestra, anello (m) per muovere il telaio della finestra *8*
tirador (f) de vidriera, anilla (f) de elevación

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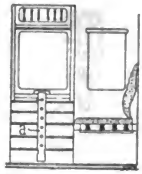


a

1 Fenstergurt(m), Fensterzug (m), Fensterriemen (m)
window strap
courroie (f) de châssis

оконный ремень (m)
correggia (f) della finestra
correa (f) de vidriera

2 dasFenster feststellen(v)
to fasten the window
fixer (v) la fenêtre

закрѣпить оконную раму
fissare (v) la finestra
asegurar (v) la vidriera

3 Druckrahmen (m)
push frame
châssis (m) à pression

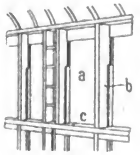
нажимная рамка (f)
telaio (m) a pressione
marco (m) de presión

4 beweglicher Verschlußrahmen (m)
movable wedge-frame
châssis (m) mobile

подвижная затворная рама (f)
telaio (m) di chiusura mobile
marco (m) de cierre móvil

5 federnder Fensterriegel (m)
elastic window wedge, window *or* sash spring (A)
verrou (m) à ressort d'un châssis de fenêtre

пружинящая оконная задвижка (f)
catenaccio(m) di finestra a molla
cerrojo (m) de muelle de una vidriera



a

6 Fensteröffnung (f)
window opening
jour (m) *ou* baie (f) d'une fenêtre

оконный просвѣтъ (m)
luce (f) della finestra
escotadura (f) *ó* hueco (m) de una ventanilla

7 Fenstersäule (f)
window pillar, window post *or* mullion
montant (m) de fenêtre

b

простѣнокъ (m)
montante (m) della finestra
montante (m) *ó* poste (m) de ventanilla

8 Fensterriegel (m), Parapetholz (n)
window transom
traverse (f) inférieure du cadre (de la fenêtre) *ou* d'appui

c

подоконный брусокъ (m)
catenaccio (m) della finestra
travesero (m) de apoyo de la ventana, umbral (m)

9 Fensterleiste (f)
sash *or* window moulding
baguette (f) *ou* moulure (f) de châssis de fenêtre

оконный наличникъ (m)
listello (m) della finestra
listón (m) *o* moldura (f) de ventanilla

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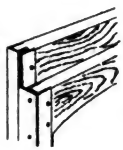
Regenleiste (f), Tropfschiene (f)
drip rail (outside window sill)
jet-d'eau (m)

a

наружный подоконный карнизъ (m); дождевой обливъ (m) 1
gocciolatoio (m), listello (m) para goccie
vierteaguas (m)

Fensterführung (f), Fensterlauf (m), Fensterkanal (m)
window guides (pl)
guide (m) de fenêtre, glissière (f) de fenêtre



направляющая (f) окна 2
guida (f) della finestra
guía (f) de vidriera

Fenstertasche (f), Fensterversenkung (f)
pocket *or* recess for sash *or* window
évidement (m) de la portière

a

оконный ходъ (m); оконный пазъ (m) 3
cavità (f) della parete
caja (f) ó hueco (m) de la portezuela

Zinkblecheinsatz (m)
zinc troughing *or* trough
gaine (f) en tôle de zinc

вставка (f) изъ цинковыхъ листовъ
scatola (f) di lamiera di zinco 4
caja (f) de chapa de cinc

Putzklappe (f), Reinigungsklappe (f)
flap for cleaning
clapet (m) de nettoyage

подоконный люкъ (m)
portella (f) per la pulitura 5
trampilla (f) de limpieza

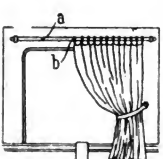
Abflußröhrchen (n)
water outlet pipe, drain pipe
tube (m) d'écoulement

отводная трубка (f)
tubo (m) di scolo 6
tubo (m) de salida

Vorhang (m), Gardine (f)
curtain
rideau (m)

занавѣска (f)
tendina (f) 7
cortinilla (f), cortina (f)

Schiebevorhang (m)
sliding *or* draw curtain
rideau (m) glissant *ou* à coulisse



a

сдвижная занавѣска (f) 8
tendina (f) scorrevole
cortinilla (f) corrediza

Vorhangstange (f)
curtain rod
tringle (f) de rideau

прутокъ (m) занавѣски 9
bastone (m) della tenda
varilla (f) de cortinilla

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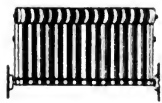
1 Vorhangring (m)
curtain ring
bague (f) *ou* anneau (m) de rideau

b

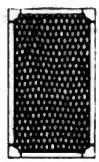
кольцо (n) занавѣски
anello (m) della tenda
anilla (f) de cortinilla

2 Rollvorhang (m)
roller blind, roller curtain
store (m) à enroulement



штора (f)
tenda (f) avvolgibile
cortinilla (f) de resorte

3 Fenstergitter (n)
louvre, trellis frame
treillis (m) de fenêtre



оконная рѣшётка (f)
inferriata (f) *o* griglia (f) della finestra
enrejado (m) de ventanilla

4 Schiebeladen (m)
[Jalousie (f)]
venetian blind
jalousie (f)

жалюзи (npl);
persiana (f)
persiana (f)

5 Klappladen (m)
louvre frame
jalousie (f) à rabattement

жалюзи (n pl) съ подвижными планками
persiana (f) ribaltabile
persiana (f) plegadiza

6 Staubrahmen (m)
dust frame
châssis(m) antipoussière

предохранитель (m) отъ пыли; парованъ (m)
telaio (m) di riparo dalla polvere
marco (m) guarda polvo

7 Blechschieber (m)
sheet iron sliding shutter, iron slide
registre (m) en tôle

a

заслонка (f) изъ листового желѣза
registro (m) di lamiera
corredera (f) de chapa, registro (m) de plancha

8 Oberlicht (n)
sky light
jour (m) d'en haut, lanterneau (m)

верхній свѣтъ (m)
luce (f) dall'alto
luz (f) superior

9 Oberlichtaufbau (m), Laterne (f)
clere-story, clear-story
lanterneau (m)

верхній фонарь (m)
lucernario (m)
tragaluz (m), claraboya (f), lucernario (m)

10 Oberlichtfenster (n)
skylight sash, upper deck sash (A)
baie (f) de lanterneau

a

окошко (n) фонаря
finestra (f) per luce dall'alto
ventanilla (f) con luz superior

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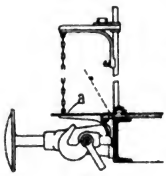
Übergangseinrichtung (f)
arrangement of gangway
dispositif (m) d'intercommunication

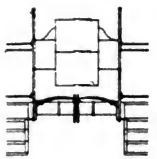
переходное устройство (n)
disposizione (f) di passaggio *o* d'intercomunicazione
instalación (f) de paso (entre vagones)



a

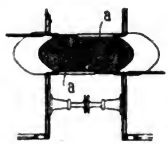
Übergangsbrücke (f). Übergangsklappe (f)
gangway
pont(m) de passage, passerelle (f)

переходный откидной мостикъ (m); переходная площадка (f)
ponticello (m) di passaggio, passerella (f)
puente (m) de paso, pasillo (m)



übergreifende Übergangsbrücke (f)
overlapping gangway
passerelle (f) chevauchante, pont (m) de passage chevauchant

перекрывающий переходный мостикъ (m); перекрывающая переходная площадка (f)
ponticello (m) di passaggio, passerella (f) sormontante
pasillo (m) móvil *ó* de solapa



a

Brückenplatte (f), Brückenblech (n)
gangway foot plate
tôle (f) de passerelle

доска (f) переходнаго мостика *или* переходной площадки
lamiera (f) della passerella
plancha (f) *ó* chapa (f) de pasillo

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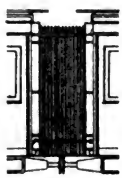
geschlossener Übergang (m)
enclosed gangway
passage (m) fermé

закрытый переходъ(m)
passaggio (m) chiuso
paso (m) cerrado



Faltenbalg (m)
flexible gangway-bellows
soufflet (m) de communication

гармоника (f); суффлэ (n)
soffietto (m) per vetture intercomunicanti
fuelle (m) acordeón

Lederbalg (m)
leather bellows
soufflet (m) en cuir

кожаная гармоника (f)
soffietto (m) di cuoio
fuelle (m) de cuero

Leinwandbalg (m)
canvas bellows
soufflet (m) en toile

полотняная гармоника (f)
soffietto (m) di tela
fuelle (m) de tela

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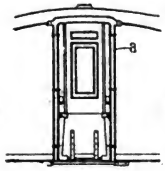
1 Gummistoffbalg (m)
india rubber bellows
soufflet (m) en toile caoutchoutée

гармоника (f) изъ прорезиненной матеріи
soffietto (m) di tela incerata *o* stoffa di caucciù
fuelle (m) de tela engomada ó cauchotada

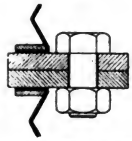


2 Balgrahmen (m)
bellows frame, vestibule face plate (A)
cadre (m) de soufflet

рама (f)-гармоника (f)
telaio (m) del soffietto
marco (m) del fuelle

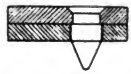
a

3 Kuppelschraube (f), durchgehende Schraube (f)
attachment *or* connection bolt
boulon (m) d'attache



соединительный болтъ (m); сквозной скрѣпительный болтъ
chiavarda (f) d'unione dei soffietti
tornillo (m) de enlace

4 Paßstift (m)
register stud, register pin
goujon (m) de maintien



шипъ (m); штифтъ (m)
caviglia (f) di ritegno
clavija (f) de fijación

5 überbaute Übergangsbrücke (f)
Pullman vestibule
passerelle (f) couverte

крытый переходный мостикъ (m); полутамбуръ (m)
passerella (f) coperta
pasillo (m) cubierto

Wagenverkleidung

6 **Carriage Lining**

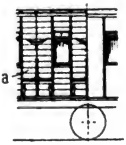
Garniture de la caisse

Обшивка вагона
Rivestimento dei vagoni
Revestimiento de los vagones

Wand- (Decken-) bekleidung (f)
wainscotting on walls (on ceiling), lining of
7 walls and ceiling
revêtement (m) *ou* garniture (f) *ou* panneautage (m) de paroi (de plafond)

стѣнная (потолочная) обшивка (f)
rivestimento (m) della parete (del soffitto)
revestimiento (m) de pared (de techo)

Verschalung (f)
planking (wagons), panelling (carriages), sheeting *or* sheathing
8 (carriages), match boarding (outside carriages)
revêtement (m), panneautage (m)



обшивка (f)
rivestimento (m)
revestimiento (m), tablero (m), enlistonado (m) continuo

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Schalbrett (n), Verschalungsbrett (n)
board, match board, sheating strip
panneautage (m), planchette (f) de frise

обшивочная доска (f)
tavoletta (f) di rivestimento
tabla (f) ó planchuela (f) de revestimiento ó de tablero
1

a

Nagel (m)
nail
clou (m)

гвоздь (f)
chiodo (m)
clavo (m)
2

Holztafel (f)
wood panel
planchette (f) en bois

деревянный щитъ (m)
tavola (f) di legno
artesonado (m) de madera
3

mehrfache Verschalung (f)
multiple panelling
panneautage (m) multiple

многократная обшивка (f)
rivestimento (m) multiplo
revestimiento (m) ó tablero (m) múltiple
4

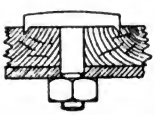
ganze Spundung (f)
tongued and grooved joint
assemblage (m) complet à rainure et languette

соединеніе (n) въ шпунтъ
unione (f) completa a scanalatura e linguetta od a maschio e femmina
ensambladura (f) completa de ranura y lengüeta
5

Schweinsrückenverbindung (f)
saddle joint
joint (m) à dos d'âne

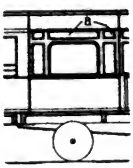
соединеніе (n) двускатнымъ гребнемъ
unione (f) a schiena d'asino
unión (f) en forma de caballete
6

Fugenschraube (f)
joint bolt, clamp bolt
boulen (m) d'assemblage



болтъ (m) для соединенія стыковъ
chiavarda (f) di collegamento
tornillo (m) para ensambladura
7

Füllung (f), Feld (n)
panel
panneau (m)



филёнка (f)
tavolato (m), tavola (f), foderina (f)
entrepaño (m), cuarterón (m)
8

a

Fries (m)
moulding, beading
frise (f), plate-bande (f)

обвязка (f)
cornice (f), sagoma (f)
friso (m)
9

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eingelegte Füllung (f)
1 inlaid panel
panneau (m) assemblé *ou* embrevé

вставленная филёнка (f)
tavola (f) inserita
entrepaño (m) almohadillado *ó* embarbillado

Füllungsleiste (f)
moulding, fillet
2 listel (m) *ou* baguette (f) *ou* moulure (f) de panneau

раскладка (f) филёнки
listello (m) della foderina
listón (m) *ó* moldura (f) de entrepaño

Deckleiste (f)
batten, covering moulding, covering bead
3 listel (m) *ou* baguette (f) couvre-joint, moulure (f) couvre-joint

багетъ (m); багетная рейка (f)
listello (m) coprigiunto
listón (m) *ó* moldura (f) cubre-junta

Eckleiste (f), Gesimsleiste (f)
corner fillet, corner moulding
4 baguette (f) *ou* moulure (f) d'angle

штапикъ (m); угловой багетъ (m); угловая рейка (f)
cornice (f) d'angolo, sagoma (f)
listón (m) *ó* moldura (f) de ángulo

Flacheisenleiste (f)
flat iron moulding, flat iron batten
5 bande (f) en fer plat

рейка (f) изъ полосового желѣза
listello(m) di ferro piatto
listón (m) de hierro plano

Halbrundleiste (f)
half round moulding, half round batten
6 baguette (f) demi-ronde, moulure (f) demi-ronde

рейка (f) полукруглаго сѣченія
listello (m) semicircolare
listón (m) *ó* moldura (f) de media caña

Zierleiste (f)
ornamental moulding, carved moulding
7 moulure (f) [décorative]

декоративная рейка(f); декоративный багетъ (m)
listello (m) decorativo
moldura (f) decorativa

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gekehlte Zierleiste (f)
hollow moulding, hollow bead
8 moulure (f) cannelée

калёванная декоративная рейка (f); калёванный декоративный багетъ (m)
listello (m) scanalato a modanatura
moldura (f) acanalada

---

fournieren (v)
9 to veneer
plaquer (v)

наклеивать фанерки; обклеивать фанерою; фурнировать
ricoprire (v) con piallacci, impiallacciare (v)
chapear (v)

Fournierband (n)
10 veneer bead, veneer strip
bande (f) de placage

фанер[к]а (f); фанерочная лента (f)
fascia (f) di piallacci
banda (f) de chapeado

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Kreuzfournier (n)
cross veneering
placage (m) à joints croisés

крестообразная фанер[к]а (f)
piallaccio (m) a croce
chapeado (m) de juntas cruzadas 1

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tapezierte Wand (f)
upholstered wall, wall lined with tapestry
paroi (f) tapissée

долевая стѣнка (f), оклеенная обоями
parete (f) tappezzata
pared (f) tapizada 2

Abzugpapier (n)
transfer paper
papier (m) décalcomanie

переводная бумага (f); бумага для декалькоманіи
carta (f) calcografica
papel (m) calcográfico 3

Linoleum (n)
linoleum
linoleum (m)

линолеумъ (m)
linoleum (m)
linóleo (m) 4

Pegamoideinlage (f)
pegamoid lining
garniture (f) de pégamoïd

прокладка (f) изъ пегамоида
rivestimento (m) di pegamoid
guarnición (f) de pegamoid 5

äußere Wandbekleidung (f)
outside sheathing, outside planking
revêtement (m) *ou* panneautage (m) extérieur de la paroi

наружная обшивка (f) стѣнъ
rivestimento (m) esterno della parete
revestimiento (m) exterior de la pared 6

Blechbelag (m)
iron sheathing *or* sheeting
couverture (f) en tôle, tôlage (m)

обшивка (f) изъ листового желѣза
rivestimento (m) in lamiera
revestimiento (m) de chapa *ó* plancha 7

Blechtafel (f)
sheet iron
panneau (m) *ou* plaque (f) en tôle

желѣзный листъ (m)
lastra (f) *o* pannello (m) di lamiera
artesonado (m) de plancha 8

Bekleidungsblech (n)
sheathing plate
tôle (f) de revêtement *ou* de panneautage

обшивочное желѣзо (n)
lamiera (f) di rivestimento
chapa (f) *ó* plancha (f) de revestimiento 9

a

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Beschlag (m)
1 fittings, trimmings (A)
garnitures (f pl)

обивка (f)
sagomatura (f)
guarniciones (f pl)

Diele (f)
2 board
planche (f), madrier (m)

полъ (m)
assicella (f), tavoletta (f)
tablón (m), madero (m)

Korkstein (m)
3 rock-cork
liège (m) durci

прессованная пробка (f)
tavoletta (f) di sughero, sughero (m) indurito
corcho (m) endurecido

Decklatte (f)
4 cover plate
latte (f) de recouvrement (des joints)

планка (f) для покрытія
assicella (f) di copertura
listón (m) de cubierta

Holzwolle (f)
5 fine wood shavings
laine (f) de bois

древесная шерсть (f)
lana (f) di legno
lana (f) de madera

Stuhlrohrwolle (f)
6 reed fibre, reed wool
laine (f) de roseau

тростниковая шерсть (f)
lana (f) vegetale
lana (f) de junco

Kokosfaser (f)
7 cocoa-nut fibre
fibre (f) de coco

кокосовое мочало (n)
fibbra (f) di cocco
filamento (m) de coco

Seegras (n)
8 sea-weed
zostère (f), varech (m)

морская трава (f)
alga (f)
varec (m), yerba (f) de mar

Korkteppich (m)
9 cork mat
tapis (m) de liège

пробковый коверъ (m); ковёръ изъ пробки
tappeto (m) di sughero
alfombra (f) de corcho

Roßhaarteppich (m)
10 horse-hair mat
tapis (m) en crin

ковёръ (m) изъ конскаго волоса
stuoia (f) di crine, tappeto (m) di crine
alfombra (f) de crin

Kautschukteppich (m), Kautschukpflaster (n)
11 india-rubber mat
tapis (m) en caoutschouc

резиновый ковёръ (m)
tappeto (m) *o* stuoia (f) in caucciù
alfombra (f) de caucho

Dachabdeckung (f), Dachverschalung (f)
12 roof boarding
recouvrement (m) du pavillon

кровельный настилъ (m)
copertura (f) del soffitto *o* plafone
cielo (m) raso

Dachüberzug (m)
13 roof covering
couverture (f) du toit

a

обшивка (f) крыши
copertura (f) del tetto
revestimiento (m) del techo

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Überzug (m) aus Segeltuch
canvas covering
couverture (f) en toile à voile

парусиновый чехолъ (m)
copertura (f) in tela di vela
revestimiento (m) de lona
1

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gesandetes Segeltuch (n)
canvas treated with sand
toile (f) à voile sablée

парусина (f), посыпанная пескомъ
tela (f) di vela insabbiata
lona (f) enarenada
2

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geteerte Decke (f)
tarred roof
toiture (f) goudronnée

осмолённый потолокъ (m)
tetto (m) incatramato
techado (m) alquitranado, cubierta (f) alquitranada
3

Papierdach (n)
paper roof
toiture (f) en papier

толевая крыша (f)
tetto (m) di cartone
techumbre (m) de papel
4

Deckenmasse (f)
roof composition
composition (f) pour toitures

масса (f) для крытія крышъ
mastrice (m) per copertura
masa (f) para techos
5

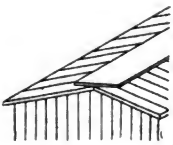
Wasserrinne (f)
rain gutter
gouttière (f)

дождевой жёлобъ (m)
gocciolatoio (m)
canalón (m)
6

Wasserablaufrohr (n), Regenrohr (n)
water drainage *or* drain pipe
tuyau (m) d'écoulement d'eau

водосточная труба (f); дождевая труба
tubo (m) di scolo dell'acqua
tubo (m) de desagüe
7

Dachlaufbrett (n)
walking *or* running board
passerelle (f) de toit



доска (f) для прохода по крышѣ
tavola (f) passerella del tetto
pasillo (m) de techo
8

Fußtritt (m), Trittstufe (f), Auftritt (m)
foot-step, step
marchepied (m)

подножка (f)
gradino (m), scalino (m)
estribo (m)
9

Waffelblech (n)
checkered plate
tôle (f) gaufrée

рифлёное желѣзо (n)
lamiera (f) stampata *o* striata
hapac (f) estampada
10

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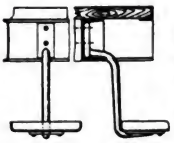
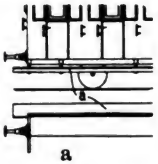
1 Fußtritthalter (m)
step bracket
support (m) de marchepied



косоуръ (m); державка (f) подножки
porta-gradini (m), portapedana (m)
porta-estribo (m)

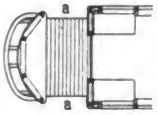
2 durchlaufende Trittstufe (f), Laufbrett (n)
continuous foot board *or* step board
marchepied (m) continu



a

подножка (f), [идущая] вдоль всего вагона
gradino (m) continuo, marciapiede (m) continuo, banchina (f) di salita, pedana (f) lunga
pasillo (m), estribo (m) continuo

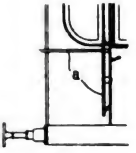
3 Auftrittausschnitt (m)
cut-out for step, step offset (A)
échancrure (f) pour le marchepied



a

вырѣзъ (m) для подножки
incavatura (f) d'accesso
escotadura (f) para el estribo

4 Handgriff (m)
handle, grab handle
poignée (f) (montoire)



a

[поручневая] скоба (f)
impugnatura (f)
agarrador (m)

5 Haltestange (f)
commode handle
main (f) courante

поручень (m)
mancorrente (m)
pasamano (m)

6 Aufstiegbügel (m)
stirrup step
échelon (m) en étrier

лѣстничная скоба (f); стремяночная скоба
staffa (f) di accesso, gradino (m) di accesso
estribo (m) de subida

7 Steigeleiter (f)
ladder
échelle (f)

стремянка (f)
scaletta (f)
escalerilla (f)

8 Plattformgeländer (n)
platform railing, platform hand rail
garde-corps (m) *ou* garde-fou (m) de plateforme

a

перила (n pl) площадки
parapetto (m) della piattaforma
barandilla (f) de plataforma

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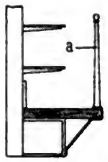
Geländerstütze (f), Geländerpfosten (m)
rail post *or* stanchion
support (m) *ou* colonnette (f) de gardecorps



a

стойка (f) перилъ
sostegno (m) del parapetto
barrote (m) de barandilla

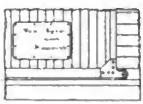
1

Plattformblech (n)
platform floor-plate
tôle (f) de plate-forme

листовое желѣзо(n) для площадокъ
lamiera (f) della piattaforma
chapa (f) de plataforma

2

Beklebezettel (m)
adhesive *or* gum label, pasted Bill (A)
étiquette (f)



ярлыкъ (m);
cartello (m) incollato, etichetta (f)
etiqueta (f)

3

Personenwagen
Passenger Coaches *or* Carriages
Voitures à voyageurs

Пассажирскіе вагоны
Vetture per viaggiatori
Coches de viajeros

4

Fassungsraum (m) des Wagens
capacity of the carriage
capacité (f) de la voiture

вмѣстимость (f) вагона
capacità (f) della vettura
capacidad (f) del coche

5

Wagenklasse (f)
class
classe (f) de voiture

классъ (m) [вагона]
classe (f) della vettura
clase (f) de coche

6

Eigengewicht (n), Wagengewicht (n)
tare, dead weight
poids (m) mort, tare (f)

тара (f); собственный вѣсъ (m) вагона
peso (m) proprio
peso (m) muerto, tara (f)

7

Ladegewicht (n)
tonnage
[poids (m) du] chargement (m)

полезный грузъ (m)
portata (f), carico (m) ammissibile
carga (f) admisible, tonelaje (m)

8

Tragfähigkeit (f)
carrying capacity
capacité (f) de charge

подъёмная сила (f)
capacità (f) di portata
capacidad (f) de carga

9

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zwei- (drei-, vier-, sechs-) achsiger Wagen (m)
carriage with 2 (3, 4, 6) axles
voiture (f) à deux (trois, quatre, six) essieux

двух- (трёх-, четырёх-, шести-) осный вагонъ (m)
vettura (f) a due, (tre, quattro, sei) sale
coche (m) de dos (tres, cuatro, seis) ejes

10

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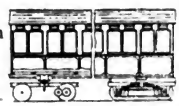
1 Drehgestellwagen (m)
bogie carriage, car with trucks (A)
voiture (f) à bogies



вагонъ (m) на телѣжкахъ
vettura (f) a carrello girevole
coche (m) de bastidor giratorio ó con bojia

2 Abteilwagen (m), Coupéwagen (m)
carriage with compartments
voiture (f) à compartiments

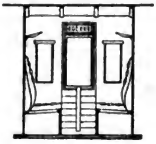
непроходной вагонъ (m); вагонъ съ отдѣленіями и боковыми дверями
vettura (f) a compartimenti
coche (m) con departamentos

3 Wagenabteil (n), Coupé (n)
compartment, coupé
compartiment (m) de voiture

a

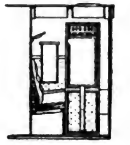
отдѣленіе (n) вагона; купэ (n)
compartimento (m) della vettura
departamento (m) de un coche

4 Vollabteil (n)
ordinary compartment, compartment with two benches
compartiment (m) entier, compartiment (m) à deux banquettes



большое отдѣленіе (n); купэ (n) съ двумя диванами
compartimento (m) intero
departamento (m) entero

5 Halbabteil (n), Bastardabteil (n)
half compartment
demi-compartiment (m), compartiment (m) à une banquette, coupé (m)



малое отдѣленіе (n); купэ (n) съ однимъ диваномъ
mezzo compartimento (m)
departamento (m) dividido, cupé (m)

6 Einzelabteil (n), Sonderabteil (n)
separate compartment
compartiment (m) séparé

особое отдѣленіе (n); отдѣльное купэ (n)
compartimento (m) separato
departamento (m) separado

7 Durchgangswagen (m)
corridor carriage
voiture (f) à couloir *ou* à intercirculation

проходной вагонъ (m)
vettura (f) a corridoio
coche (m) de pasillo

8 Abteilwagen (m) mit innerer Verbindung
compartment carriage with interior communication
voiture (f) à compartiments avec communication intérieure

вагонъ (m) съ отдѣленіями съ внутреннимъ сообщеніемъ
vettura (f) a compartimenti comunicanti
coche (m) con departamentos que comunican interiormente

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Seitengangwagen (m), Durchgangswagen (m) mit abgeschlossenem Seitengange
corridor carriage with enclosed side corridor
voiture (f) à couloir latéral

проходной вагонъ (m) съ боковымъ изолированнымъ проходомъ *или* корридоромъ
vettura (f) a corridoio laterale chiuso
coche (m) de pasillo *ó* corredor lateral

1

Durchgangswagen (m) mit Mittelgang
corridor carriage with central passage
voiture (f) à couloir central

проходной вагонъ (m) со среднимъ проходомъ *или* съ проходомъ по серединѣ
vettura (f) a corridoio centrale
coche (m) de pasillo *ó* corredor central

2

Raucherabteil (n)
smoking compartment
compartiment (m) pour fumeurs

отдѣленіе(n) „для курящихъ“
compartimento (m) fumatori
departamento (m) para fumadores

3

Nichtraucherabteil (n)
non-smoking compartment
compartiment (m) pour non fumeurs

отдѣленіе (n) „для некурящихъ“
compartimento (m) per nonfumatori
departamento (m) para no fumadores (n)

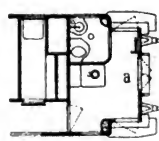
4

Frauenabteil (n)
ladies compartment
compartiment (m) pour dames

дамское отдѣленіе (n)
compartimento (m) signore sole
departamento (m) para señoras

5

Vorraum (m), Vestibül (n)
vestibule
vestibule (m), sas (m)

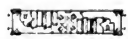


a

вестибюль (m)
vestibolo (m)
vestibulo (m)

6

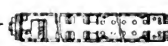
Saalwagen (m), Salonwagen (m)
saloon carriage
voiture (f) salon



вагонъ (m) -салонъ (m)
vettura (f) salone
coche (m) salón

7

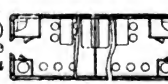
Aussichtswagen (m)
observation car, observation carriage
voiture (f) point de vue



вагонъ (m) для осмотра вида проѣзжаемой мѣстности
vettura (f) a giardiniera
coche (m) de observación

8

Gesellschaftswagen (m)
club car, saloon carriage
voiture (f) de société *ou* salon



клубный вагонъ (m); вагонъ для собраній
vettura (f) di società
coche (m) de sociedad

9

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1
Sesselwagen (m)
chair car, saloon carriage with chairs
voiture (f) à fauteuils

вагонъ (m) съ креслами
vettura (f) con poltrone
coche (m) con butacas

2
Luxuswagen (m)
drawing room carriage, day saloon
voiture (f) de luxe

парадный вагонъ (m)
vettura (f) di lusso
coche (m) de lujo

3
Rauchwagen (m)
smoking carriage, smoker
voiture (f) pour fumeurs

вагонъ (m) для курящихъ
vettura (f) per fumatori
coche (m) para fumadores

4
Speisewagen (m)
restaurant carriage, dining and luncheon carriage
voiture (f) restaurant, wagon (m) restaurant

вагонъ-ресторанъ (m); вагонъ(m)-столовая(f)
vettura (f) ristorante, vagone (m) ristorante
coche (m) ó vagón (m) restaurán

5
Speiseraum (m)
dining compartment *or* room
salle (f) à manger, salle (f) du restaurant

столовая (f)
sala (f) da pranzo, sala (f) del ristorante
comedor (m)

6
Anrichteraum (m)
pantry, kitchen
office (m) de la voiture restaurant

буфетное отдѣленіе (n)
credenza (f), dispensa (f)
repostería (f) del coche restaurán

7
Erfrischungswagen (m)
buffet-car, refreshment carriage
voiture (f) buffet

буфетный вагонъ (m); вагонъ-буфетъ (m)
vettura (f) buffet
coche (m) buffet

8
Schlafwagen (m)
sleeping car, sleeping carriage, sleeping saloon
voiture (f) lits, wagon (m) lits

спальный вагонъ (m)
vettura (f) a letti, vagone (m) a letti
coche (m) cama (wagon-lits (m))

9
Waschraum (m), Waschkabine (f)
lavatory
cabinet (m) de toilette

уборная (f); умывальня (f)
gabinetto (m) da toilette
tocador (m)

10
Revisionswagen (m)
inspection wagon *or* car (A)
voiture (f) d'inspection

контрольный вагонъ (m)
vagone (m) delle revisioni
coche (m) de inspección

11
Krankenwagen (m)
hospital *or* ambulance car, sick wagon
voiture (f) pour malades

вагонъ (m) для больныхъ; вагонъ-лазаретъ (m)
vettura (f) malati
coche (m) para enfermos

12
Leichenwagen (m)
funeral wagon *or* car (A)
voiture (f) mortuaire *ou* pour transports funèbres

покойницкій вагонъ (m)
carro (m) mortuario, vagone (m) capella ardente
vagón (m) funerario ó para el traslado de cadáveres

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Sträflingswagen (m), Schubwagen (m)
convicts wagon *or* car (A)
voiture (f) pour le transport des prisonniers

арестантскій вагонъ (m)
vagone (m) trasporto-condannati, vettura (f) di sfratto
coche (m) para el traslado de presos

1

Kleinbahnwagen (m)
light railway van *or* wagon *or* car (A)
wagon (m) pour voie étroite

вагонъ (m) дорогъ мѣстнаго значенія
carro (m) per ferrovia a scartamento ridotto
vagón (m) para vía estrecha

2

Pferdebahnwagen (m)
horse tramway car
voiture (f) de tramway à chevaux

конножелѣзный вагонъ (m)
vettura (f) per ferrovia a cavalli, tramvia (f) a cavalli
coche (m) de tranvía á tracción animal

3

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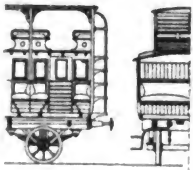
offener Wagen (m)
open wagon *or* car (A)
voiture (f) ouverte (de tramway)

открытый (лѣтній) вагонъ (m)
vettura (f) aperta (per tramvie)
coche (m) abierto (de tranvía)

4

Decksitzwagen (m), Stockwerkwagen (m)
double deck carriage
voiture (f) à impériale



вагонъ (m) съ имперіаломъ
vettura (f) ad imperiale
coche (m) con imperial

5

Anhängewagen (m), Beiwagen (m)
trailer, trail car (A)
voiture (f) de remorque

прицѣпный вагонъ (m)
rimorchio (m), vettura (f) rimorchiata
coche (m) de remolque

6

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innere Einrichtung (f)
interior equipment
aménagement (m) intérieur

внутреннее устройство (n)
disposizione (f) interna, arredamento (m) interno
arreglo (m) interior del coche

[Sitz-]Bank (f)
bench
banquette (f)

скамья (f); скамейка (f)
panca (f), sedile (m)
banco (m)

8

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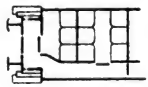
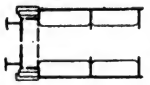
Sitzplatz (m) *1* seat siège (m)		мѣсто (n); сидѣніе (n); диванъ (m) sedile (m), posto (m) a sedere asiento (m)
Querbank (f) *2* cross seat banquette (f) transversale *ou* en travers		поперечная скамья (f) *или* скамейка (f); поперечное сидѣніе (n); поперечный диванъ (m) sedile (m) trasversale, panca (f) di traverso banco (m) transversal
Längsbank (f) *3* longitudinal seat banquette (f) longitudinale *ou* en long		продольная скамья (f) *или* скамейка (f); продольный диванъ (m) sedile (m) *o* panca (f) longitudinale banco (m) longitudinal
die Sitze laufen in der Längsrichtung *4* the seats are arranged longitudinally les sièges sont disposés en long		сидѣнія (n pl) расположены вдоль стѣны i sedili sono disposti secondo la lunghezza los asientos están á lo largo
Doppelsitzbank (f) double bench *or* seat *5* banquette (f) à double siège *ou* à sièges adossés		скамья (f) съ сидѣніями по обѣ стороны; скамейка (f) *или* диванъ (m) со спинкой по серединѣ panca (f) doppia *od* a sedili addossati banqueta (f) doble *ó* de dos asientos
Klappsitz (m) *6* folding seat strapontin (m)		откидное сидѣніе (n) sedile (m) ribaltabile *od* a cerniera bigotera (f)
Holzsitz (m) *7* wood seat siège (m) creux		деревянное сидѣніе (n) sedile (m) di legno asiento (m) de madera
Lattensitz (m) *8* lath *or* slat seat siège (m) à claire-voie		сидѣніе (n) изъ реекъ sedile (m) a listelli asiento (m) de listones
Sitzlatte (f) *9* lath of seat, seat slat latte (f) *ou* baguette (f) de la claire-voie	a	рейка (f) сидѣнія listello (m) del sedile listón (m) del asiento
Sitz (m) aus Strohgeflecht *10* cane seat, rattan seat siège (m) canné		плетёное сидѣніе (n) sedile (m) di treccia di paglia asiento (m) de rejilla

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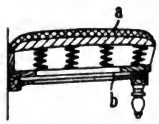

Polstersitz (m) upholstered seat siège (m) rembourré		мягкое сидѣніе (n) sedile (m) imbottito asiento (m) almohadillado	1
Sitzkissen (n) seat cushion coussin (m) de siège	a	подушка (f) сидѣнія cuscino (m) del sedile cojín (m) del asiento	2
Sitzgestell (n) seat framing *or* frame parclose (f), châssis (m) de siège	b	рам[к]а (f) сидѣнія telaio (m), ossatura (f) del sedile marco (m) del asiento	3
Polsterung (f) upholstery rembourrage (m)		набивка (f) подушки imbottitura (f) almohadillado (m)	4
gepolstert (adj) upholstered rembourré (adj)		набитый imbottito (agg) almohadillado (adj)	5
Roßhaar (n) horse hair crin (m)		конскій волосъ (m) crine (m) animale crin (f)	6
Sprungfedermatratze (f) spring-mattress ressort (m), matelas (m) à ressorts		пружинный матрацъ (m) materasso (m) a molle colchón (m) de muelles	7
Hanfgurt (m) webbing sangle (f) de chanvre	a	пеньковый ремень (m) cinghia (f) di canape cincha (f) de canamo	8
Polsterüberzug (m) cushion covering garniture (f) *ou* revêtement (m) du coussin	b	обивка (f) подушки rivestimento (m) *o* fodera (f) del cuscino revestimiento (m) ó guarnición (f) del cojín	9
Wachstuch (n) oil *or* wax cloth toile (f) cirée		клеёнка (f) tela (f) cerata tela (f) encerada	10
Leder (n) leather cuir (m)		кожа (f) cuoio (m) cuero (m)	11
Plüsch (m) plush peluche (f)		плюшъ (m) velutto (m), peluce (m) felpa (f), velludo (m)	12
Nesselbezug (m) muslin covering garniture (f) *ou* housse (f) de mousseline		тиковый чехолъ (m) fodera (f), copertura (f) di mussolina revestimiento (m) de muselina	13
Steinpappe (f) asphalt[ic] felt, tarred felt carton-pierre (m)		прессованный картонъ (m) cartone (m) indurito cartón-piedra (m)	14

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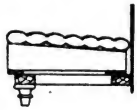
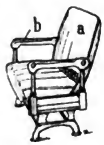
wendbares Kissen (n)
1 reversible cushion
coussin (m) [à] double face



двусторонняя подушка (f)
cuscino (m) capovolgibile
cojín (m) de dos caras

Rückenlehne (f)
2 back of a seat, seat back
dossier (m)



a

спинка (f)
schienale (m)
respaldo (m)

Armlehne (f)
3 arm rest
accoudoir (m), appui-bras (m)

b

локотникъ (m)
bracciale (m)
brazo (m), reclinatorio (m)

umklappbare Rückenlehne (f)
4 reversible back, tilting back
dossier (m) rabattable *ou* à rabattement

перекидная спинка (f)
schienale (m) ribaltabile *od* a ribaltamento
respaldo (m) de báscula

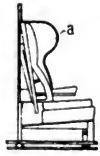
Armrolle (f)
5 arm rest pillow
bras (m) à coussin

круглая подушка (f); валикъ (m)
bracciale (m) a rullo
rodillo (m) de apoyo para el brazo

Kopflehne (f)
6 head rest *or* cushion
appui-tête (m)

подпорка (f) для головы
appoggia-testa (m)
almohada (f)

Kopfbacke (f), Ohrlehne (f)
7 cheek rest
appui-tête (m)



a

боковушка (f); уши (m pl); прислонный выступъ (m) для головы
appoggia-guancia (m)
almohadilla (f), reclinatorio (m) (para la cabeza)

ausziehbarer Sitz (m)
8 seat to pull out
siège (m) rentrant

выдвижное сидѣніе (n)
sedile (m) estraibile
asiento (m) extensible

Schlafmatratze (f)
9 mattress
matelas (m) [de lit]

матрацъ (m) для спанья
materasso (m) per dormire
colchón (m)

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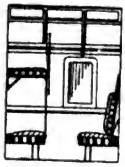

aufklappbare Rückenlehne (f)
folding back, swing back
dossier (m) rabattable *ou* à rabattement

подъёмная спинка (f)
schienale (m) capovolgibile
respaldo (m) que puede subirse y bajarse *ó* reversible *1*

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umklappbarer Tisch (m)
folding table
table (f) rabattable *ou* à rabattement

откидной столъ (m)
tavola (f) ribaltabile *od* a cerniera
mesa (f) con tablero para subir y bajar *2*

---

zusammenlegbarer Tisch (m)
fold up table
table (f) pliante

складной столъ (m)
tavola (f) ripiegabile
mesa (f) plegadiza *ó* plegable *3*

Gepäckhalter (m)
parcel *or* luggage rack
porte-bagages (m)

багажная сѣтка (f) *или* полка (f)
porta-bagagli (m)
rejilla (f) para equipajes, porta-equipajes (m) *4*

Gepäckbrett (n)
parcel shelf
planche (f) à bagages

багажная полка (f)
tavola (f) per bagagli
tabla (f) para equipajes *5*

Gepäcknetz (n), Gepäckkorb (m)
parcel net, basket rack (A)
filet (m) à bagages

багажная сѣтка (f)
rete (f) per bagagli
rejilla (f) para equipajes *6*

Huthaken (m)
hat hook, hat peg
patère (f) à chapeau

крючокъ (m) для шляпъ
porta cappelli (m), gancio (m) per cappelli
gancho (m) para colgar sombreros *7*

Mantelhaken (m)
clothes hook
portemanteau (m), patère (f) à habits

крюкъ (m) *или* крючокъ (m) для платья
gancio (m) portamantello
gancho (m) para colgar vestidos *8*

Spiegel (m)
mirror, glass
miroir (m), glace (f)

зеркало (n)
specchio (m)
espejo (m) *9*

Wandschrank (m)
cupboard
placard (m), armoire (f) de paroi

стѣнной шкафъ (m)
armadio (m) da parete
armario (m) de pared *10*

Spucknapf (m)
spittoon, cuspidor
crachoir (m)

плевательница (f)
sputacchiera (f)
escupidera (f) *11*

Aschenbehälter (m), Aschenbecher (m)
ash tray
cendrier (m)

пепельница (f)
portacenere (m), posacenere (m)
cenicero (m) *12*

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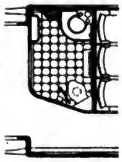
Aborteinrichtung (f)
W. C. (water closet installation), arrangement of water-closet
1 *or* saloon (A)
installation (f) du cabinet d'aisance *ou* W. C. *ou* cabinet de toilette



клозетъ (m); отхожее мѣсто (n)
disposizione (f) della latrina *o* della ritirata
instalación (f) de retrete

Abortstuhl (m), Leibstuhl (m)
2 pedestal closet, closet stool
siège (m) de cabinet d'aisance, latrine (f)

стульчакъ (m)
sedile (m) di latrina
retrete (m)

Sitzbrille (f)
3 (lift up) seat ring
lunette (f) du siège

a

сидѣніе (n) *или* очко (n) стульчака
foro (m) del sedile, foro (m) della ciambella
agujero (m) del asiento del retrete

Aborttrichter (m)
4 closet *or* soil hopper
cuvette (f) du W. C.

b

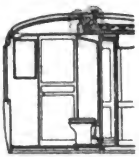
клозетная воронка (f) *или* чаша (f)
vaso (m) di latrina, cantero (m)
taza (f) del retrete

---

aufklappbares Sitzbrett (n)
5 hinged seat
siège (m) relevable *ou* à relèvement

откидное сидѣніе (n) стульчака
coperchio (m) sollevabile *od* a cerniera
tabla (f) que puede subirse y bajarse

Wasserspülung (f)
6 water flushing
rinçage (m) à l'eau



промывка (f) водою
getto (m) d'acqua
limpieza (f) con agua

Pissoirbecken (n)
7 urinal
urinoir (m)

писсуаръ (m)
orinatoio (m)
urinario (m)

Wascheinrichtung (f)
8 lavatory, wash stand
lavabo (m), toilette (f)

умывальникъ (m)
disposizione (f) per la lavatura, lavabo (m)
lavabo (m)

Waschbecken (n)
9 wash basin
cuvette (f) de lavabo

a

умывальная чашка (f)
catino (m), bacinella (f)
jofaina (f) *ó* palangana (f) de lavabo

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Klappwaschbecken (n), Kippwaschbecken (n)
folding wash basin *or* stand, tip wash basin
cuvette (f) basculante

откидная умывальная чашка (f)
catino (m) girevole *o* rivoltabile
jofaina (f) basculante

Seifenverteiler (m), Seifenspender (m)
soap grinder *or* distributor
distributeur (m) de savon

автоматъ (m), отпускающій мыло
distributore (m) del sapone
distribuidor (m) de jabón

Handtuchbehälter (m)
towel cupboard *or* cabinet
boîte (f) à essuie-mains

шкафъ (m) или ящикъ (m) для полотенецъ
cassetto (m) per asciugamani
caja (f) para toallas

Gepäck- und Postwagen

Luggage and Mail Van

Fourgon et voiture postale

Багажный и почтовый вагоны

Vettura postale e bagagliaio

Furgón y coche-correo

Gepäckwagen (m)
luggage-van, luggage *or* box-wagon, Guard's van
fourgon (m)

багажный вагонъ
carro (m) a bagagli, bagagliaio (m)
furgón (m)

Dienstabteil (n)
service compartment
compartiment (m) de service

служебное отдѣленіе (n)
compartimento (m) di servizio
departamento (m) de servicio

Gepäckraum (m)
luggage space
compartiment (m) des bagages

багажное отдѣленіе (n)
bagagliaio (m)
departamento (m) de los equipajes

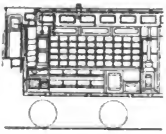
Hundekasten (m), Hundekotter (m)
dogs box
niche (f) à chiens

собачникъ (m); отдѣленіе (n) для собакъ (m)
canile (m)
perrera (f)

---

zusammenlegbare Abteilung (f)
folding compartment
compartiment (m) démontable

складное отдѣленіе (n)
compartimento (m) smontabile
departamento (m) des montable



Postwagen (m)
mail van, mail coach, mail *or* postal car (A)
voiture (f) postale

почтовый вагонъ (m)
vagone (m) *o* vettura (f) postale
coche-correo (m)

1 *2* *3* *4* *5* *6* *7* *8* *9* *10*

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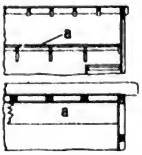
1 Paketwagen (m)
mail parcel van
voiture (f) pour colis postaux

вагонъ (m) для посылокъ
vagone (m) *o* vettura (f) per pacchi
coche (m) para paquetes postales

2 Briefabteil (n)
letter compartment
compartiment (m) postal

почтовое отдѣленіе (n)
compartimento (m) delle lettere
departamento (m) para el correo

3 Wandpackbrett (n)
side rack, parcel shelf
étagère (f) [à paquets]



a

стѣнная полка (f)
tavola (f) per pacchi fissata alla parete
tabla (f) mural para paquetes

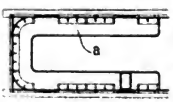
4 Packfach (n)
pigeon hole rack
casier (m)

шкафъ (m) для почтовыхъ посылокъ
casellario (m)
casillero (m)

5 Briefverteilungsmulde (f)
letter sorting trough
case (f) de classement des lettres

лотокъ (m) для распредѣленія писемъ
conca (f) *o* vaschetta (f) di distribuzione delle lettere
cesta (f) de clasificación [de la correspondencia]

6 Verteilungstisch (m)
sorting table, distributing table
table (f) de classement



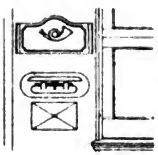
a

сортировочный столъ (m)
tavolo (m) di distribuzione
mesa (f) de clasificación

7 Briefbeutel (m)
letter bag, mail pouch *or* bag
sac (m) à dépêches

почтовая сумка (f)
sacco (m) per la corrispondenza
saca (f) de correspondencia

8 Briefkasten (m)
letter box
boîte (f) aux lettres



почтовый ящикъ (m)
cassetta (f), per le lettere, cassetta (f) postale
buzón (m)

9 Briefeinwurf (m)
aperture for letters, letter drop (A)
ouverture (f) de la boîte aux lettres

щель (f) въ почтовомъ ящикѣ
buca (f) delle lettere
abertura (f) *ó* boca (f) del buzón

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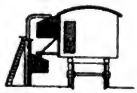
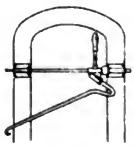
Briefbeutelfangapparat (m)
mail bag catcher
appareil (m) à recueillir les sacs aux lettres



приспособленіе (n) для пріёма почтовыхъ сумокъ въ пути
apparecchio (m) raccoglitore in corsa dei sacchi delle lettere
aparato (m) para recoger las sacas

1

Briefbeutelfanggabel (f)
mail bag catching fork
fourche (f) à recueillir les sacs aux lettres



вилка (f) для пріёма почтовой сумки въ пути
forchetta (f) per prendere in corsa i sacchi delle lettere
horquilla (f) para recoger las sacas

2

Fangnetz (n)
receiving net
filet (m) récepteur

пріёмная сѣтка (f)
rete (f) ricevitrice
red (f) receptora

3

Güterwagen

Goods-Wagon, Truck, Van

Wagon à marchandises

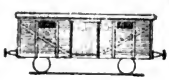
Товарный вагонъ

Carro [per] merci, vagone merci

Vagón de mercancías

4

Kastenwagen (m), bedeckter Güterwagen (m)
covered waron, covered truck, box freight car (A)
wagon (m) couvert *ou* fermé



крытый товарный вагонъ (m)
carro (m) merci coperto
vagón (m) de mercancías cubierto

5

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sperrige Güter (n pl), Sperrgut (n)
bulky goods
marchandises (f pl) encombrantes

громоздкій штучный грузъ (m)
merci (f pl) ingombranti *o* voluminose
mercancías (f pl) voluminosas

6

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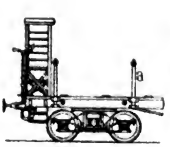
offener Güterwagen (m)
open wagon, open truck
wagon (m) découvert

открытый товарный вагонъ (m)
carro (m) merci scoperto
vagón (m) de mercancías abierto

7

Bühnen- *oder* Plattformwagen (m), bordloser Wagen (m)
platform wagon, platform truck, flat car (A)
wagon (m) à plate-forme, wagon (m) plat



платформа (f) безъ бортовъ
carro (m) a piattaforma, carro (m) piatto *o* senza sponde
vagón (m) de plataforma

8

Runge (f)
stake, stud stave, stanchion
rancher (m)

a

стойка (f)
stante (m)
telero (m), estaca (f)

9

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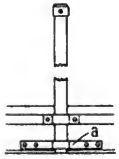
1 lose Runge (f), Einsteckrunge (f)
loose stake, loose stud stave *or* stanchion rancher (m) démontable



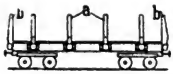
съёмная *или* вставная стойка (f)
stante (m) tolle
telero (m) de quita y pon

2 Rungentasche (f), Rungenbügel (m), Rungenhalter (m)
stake *or* stanchion pocket, stud stave pocket, stake strap
étrier (m) (de fixation) du rancher

a

обойма (f) *или* скоба (f) для стоекъ
staffa (f) per lo stante
estribo (m) del telero

3 Seitenrunge (f)
side stake, side stud stave *or* stanchion rancher (m) latéral



a

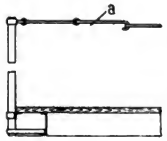
боковая стойка (f)
stante (m) laterale
telero (m) lateral

4 Stirnwandrunge (f)
end stake, end stud stave, end stanchion *or* muntin
rancher (m) extrême *ou* des bouts

b

лобовая стойка (f)
stante (m) di testa
telero (m) de pared frontal

5 Rungenverbindungsstange (f)
stake connecting rod, stanchion tie
barre (f) de raccordement des ranchers



a

соединительная тяга (f) для стоекъ
tirante (m) di collegamento degli stanti
barra (f) para unir los teleros

6 Rungenvorsteckbolzen (m)
stake pocket bolt, stanchion bolt *or* pin
boulon (m) d'arrêt du rancher

чека (f) *или* закрѣпляющій болтъ (m) для откидныхъ стоекъ
caviglia (f) di arresto dello stante
pasador (m) de sujeción del telero

7 Rungenkette (f)
stake *or* stanchion chain
chaine (f) de rancher

цѣпочка (f) для откидныхъ стоекъ
catena (f) per collegamento degli stanti
cadena (f) de telero

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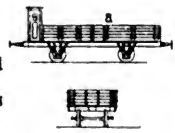


Bordwagen (m)
gondola car, low-sided wagon
wagon (m) à haussettes

вагонъ (m) съ бортами
carro (m) a sponde
vagón (m) con bordes

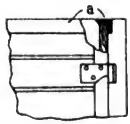
1

Bordwand (f)
planking, side planking
haussette (f), paroi (f)

a

борть (m)
sponda (f)
borde (m)

2



Bordschiene (f)
coping bar
[cadre (m) de] bordure (f)

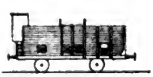
верхняя обвязка (f) борта
longherina (f) della sponda laterale
tableta (f) del borde

3

Niederbordwagen (m)
low-sided wagon
wagon (m) à bords bas *ou* à haussettes

вагонъ (m) съ низкими бортами
carro (m) a sponde basse
vagón (m) de bordes bajos

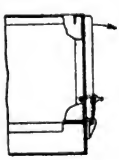
4



Hochbordwagen (m)
high-sided wagon
wagon (m) à parois hautes

вагонъ (m) съ высокими бортами; полувагонъ (m)
carro (m) a sponde alte
vagón (m) de bordes altos

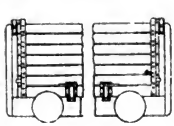
5



umlegbare Bordwand (f)
hinged side *or* drop side planking
paroi (f) rabattante *ou* à rabattement

откидной борть (m)
sponda (f) a ribaltamento
borde (m) que puede bajarse

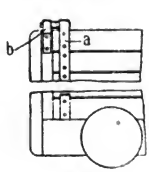
6



aufschlagbare Bordwand (f)
side flap
paroi (f) basculante *ou* à charnière

подъёмный борть (m)
sponda (f) sollevabile
borde (m) basculante *ó* de charnela

7



Zapfenband (n)
hinge plate
penture (f) à charnière *ou* à tourillon

шарнирная полоса (f)
lista (f) porta cerniera
pala (f) de charnela

8

a

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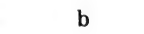
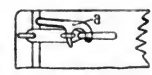
1 Zapfenbandgabel (f)
hinge fork
étrier (m) *ou* fourche (f) du tourillon



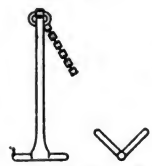
вилка (f) для шарнирной полосы
forchetta (f) porta cerniera
horquilla (f) de gozne de charnela

2 Bordeinleghaken (m)
latch hook
crochet (m) de retenue de la paroi



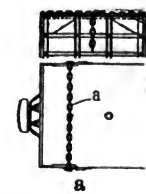
крюкъ (m) для укрѣпленія борта
gancio (m) per fissare la sponda
gancho (m) de detención del borde

3 Gabelstütze (f), Geißfuß (m)
forked stanchion *or* chain-support
support (m) à fourche



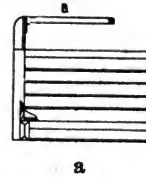
стойка (f) для цѣпи
stante (m) a forchetta
soporte (m) de horquilla

4 Ladekette (f)
sling *or* lashing chain
chaîne (f) pour le chargement



обвязочная цѣпь (f)
catena (f) per legare il carico
cadena (f) de carga

5 Giebelstange (f), Firstbaum (m), Planträger (m)
ridge bar, ridge beam
barre (f) de bâchage



коньковый *или* фронтонный прогонъ (m); прогонъ для навѣшиванія брезента
longherina (f) *o* sbarra (f) di cresta
soporte (m) para techo

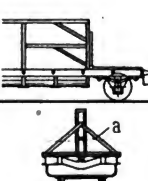
6 Wagendecke (f), Decklaken (n), Plach[t]e (f)
wagon sheet, tarpaulin
bâche (f)

брезентъ (m)
copertone (m)
cubierta (f) de lona

7 Verschlußschnur (f), Verschlußleine (f)
fastening rope *or* cord
corde (f) de fermeture

обвязочный канатъ (m); обвязочная вервка (f)
corda (f) di chiusura
maroma (f) de cierre

8 Bockwagen (m)
trestle truck
wagon (m) à châssis pour plate-forme basse (en dessous du longeron)



вагонъ (m) съ козлами
carro (m) a cavalletto
vagón (m) de caballete

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Bockgestell (n)
trestle frame
châssis (m) de wagon à plate-forme basse

козлы (m pl)
telaio (m) del carro a cavalletto
caballete (m) de vagón

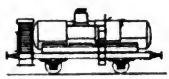
a — 1

Wagen (m) mit versenkter Ladebühne
basket car
wagon (m) à plate-forme basse

вагонъ (m) съ опущенной [между колёсами] товарной платформой
carro (m) a piattaforma ribassata
vagón (m) con plataforma rebajada

2

Kesselwagen (m), Reservoirwagen (m)
boiler truck, tank truck
wagon (m) citerne, citerne (f)



вагонъ (m) -цистерна (f)
carro (m) cisterna
vagón-cisterna (m)

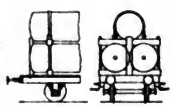
3

Erdölwagen (m)
oil tank truck *or* wagon *or* car (A)
wagon (m) à pétrole

вагонъ (m) -цистерна (f) для перевозки нефти; нефтяная цистерна
carro (m) per petrolio
vagón (m) para petróleo

4

Gaswagen (m)
gas reservoir truck *or* car (A)
wagon (m) à gaz



вагонъ (m) -цистерна (f) для перевозки газа; газовая цистерна
carro (m) per gas
vagón (m) para gas

5

Wasserwagen (m)
water tank truck *or* car (A)
wagon (m) à eau

вагонъ (m) -цистерна (f) для перевозки воды
carro (m) per acqua, carro (m) cisterna
vagón (m) para agua

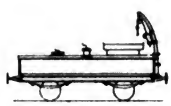
6

Gefäßwagen (m), Behälterwagen (m)
reservoir truck
wagon (m) réservoir

вагонъ (m) -резервуаръ (m)
carro (m) serbatoio
vagón (m) de tanques

7

Teerwagen (m)
tar tank truck
wagon (m) à goudron



вагонъ (m) для перевозки дёгтя
carro (m) per bitume
vagón (m) para alquitrán

8

Säurewagen (m)
acid reservoir truck
wagon (m) à acide

вагонъ (m) для перевозки кислотъ
carro (m) per acidi
vagón (m) para ácidos

9

Geschützwagen (m)
gun *or* ordinance truck
wagon (m) à canons

вагонъ (m) для перевозки орудій; турникетный вагонъ
carro (m) per cannoni
vagón (m) para cañones

10

Kohlenwagen (m)
coal truck *or* wagon, coal car (A)
wagon (m) charbonnier *ou* à charbon

угольный вагонъ (m)
carro (m) per carbone
vagón (m) carbonero

11

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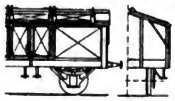
1 Erdwagen (m)
ballast truck *or* wagon, ballast car (A)
wagon (m) à transporter les terres *ou* de terrassement

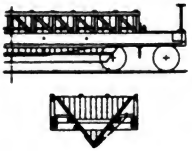
балластный вагонъ (m); вагонъ для развозки земли
carro (m) per trasporto di terra
vagón (m) para el transporte de tierras

2 Kalkdeckelwagen (m)
covered lime wagon
wagon (m) à couvercle pour chaux



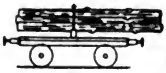
крытый вагонъ (m) для извести
carro (m) a coperchio per calce
vagón (m) con tapa para cal

3 Kiesverteilungswagen (m)
ballast hopper truck
wagon (m) distributeur de gravier, wagon (m) trémie



вагонъ (m) для развозки хряща *или* гравія
carro (m) distributore della ghiaia
vagón (m) distribuidor de grava

4 Schemelwagen (m)
bogie *or* lorrie truck
wagon (m) à traverse mobile



платформа (f) съ турникетомъ
vagone (m) a traverse mobili
vagón (m) de travesaño giratorio

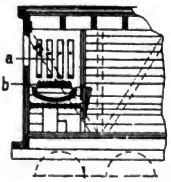
5 Langholzwagen (m)
timber truck
wagon (m) à longs bois

вагонъ (m) для длиннаго лѣса
carro (m) per lunghe travi
vagón (m) para transportar maderos largos

6 Drehschemel (m), Kippstock (m)
bogie
traverse (f) mobile

турникетъ (m); поворотный разгрузной брусъ (m)
traversa (f) girevole
travesaño (m) giratorio

7 Kühlwagen (m)
refrigerator van *or* car (A)
wagon (m) réfrigérant



вагонъ (m)-ледникъ (m)
carro (m) refrigerante
vagón (m) refrigerante

8 Eisbehälter (m)
ice chamber, refrigerator
glacière (f)

a

сосудъ (m) для льда
serbatoio (m) del ghiaccio, ghiacciaia (f)
depósito (m) de hielo

9 Eisrost (m)
ice grating
grille (f) à glace

b

рѣшётка (f) для льда
griglia (f) del ghiaccio
rejilla (f) para el hielo

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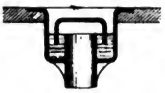
Ablauftrichter (m)
drainage hopper, drain-cup (A)
entonnoir (m) d'écoulement



водоспускная воронка (f)
imbuto (m) di scolo
embudo (m) de desagüe

1

Fleischkühlwagen (m)
meat refrigerator van
wagon (m) réfrigérant à viandes

вагонъ (m)-ледникъ (m) для мяса
carro (m) refrigerante per carne
vagón (m) refrigerante para carnes

2

Fischwagen (m)
fish-van
wagon (m) pour transporter le poisson

рыбный вагонъ (m); вагонъ для перевозки рыбы
vagone-trasporto (m) del pesce vivo
vagón (m) para el transporte de pescado ó de pez

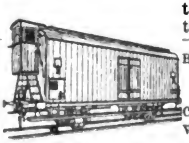
3

Kühlrohr (n)
refrigerator pipe
tube (m) réfrigérant

холодильный змѣевикъ (m)
tubo (m) refrigerante
tubo (m) refrigerante

4

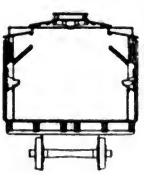
Bierwagen (m)
beer van, beer car (A)
wagon (m) à bière



вагонъ (m) для перевозки пива; пивной вагонъ
carro (m) per birra
vagón (m) para cerveza

5

Viehwagen (m)
cattle wagon, cattle truck *or* car (A)
wagon (m) à bétail *ou* à bestiaux



вагонъ (m) для перевозки живности *или* скота; скотскій вагонъ
carro (m) bestiame
vagón (m) para ganado

6

Pferdewagen (m)
horse box *or* car (A)
wagon (m) à chevaux, wagon-écurie (m), wagon-boxe (m)

вагонъ (m) для перевозки лошадей; конскій вагонъ
carro (m) scuderia
vagón (m) para caballerías

7

Kleinviehwagen (m)
small cattle truck
wagon (m) à petit bétail

вагонъ (m) для перевозки мелкаго скота
carro (m) per bestiame minuto, carro (m) per pecore
vagón (m) para ganado menor

8

doppelbödiger Kleinviehwagen (m)
double deck wagon for small stock
wagon (m) à deux étages pour petit bétail

двухъярусный вагонъ (m) для мелкаго скота
carro (m) bestiame minuto a due piani
vagón (m) de dos pisos para ganado menor

9

Einlegeboden (m)
removable bottom, blind *or* false bottom
plancher (m) amovible

a

съёмный полъ (m)
pavimento (m) smovibile
suelo (m) móvil

10

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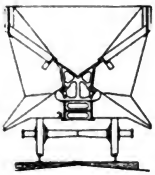
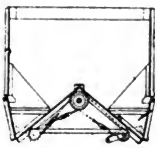
Selbstentlader (m)
1 self discharging wagon
wagon (m) à déchargement automatique

саморазгрузочный вагонъ (m); автоматически разгружающаяся вагонетка (f)
vagone (m) a scarico automatico
vagón (m) para descargamiento automático



Seitenentlader (m)
2 side discharging wagon
wagon (m) se déchargeant latéralement

разгружающійся съ бока вагонъ (m); вагонъ для выгрузки сбоку
vagone (m) a scarico laterale
vagón (m) para descargamiento lateral



Sattelwagen (m)
3 saddle-bottomed wagon
wagon (m) à plancher *ou* fond en dos d'âne

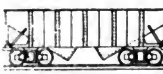
вагонъ (m) съ двускатнымъ поломъ *или* дномъ
vagone (m) con pavimento a' sciena d'asino *od* a due pioventi
vagón (m) con suelo de caballete

Bodenentlader (m)
4 wagon discharging from the bottom
wagon (m) à déchargement par le fond

вагонъ (m), разгружающійся черезъ дно
vagone (m) di scarico a bottola
vagón (m) para descargamiento por el fondo

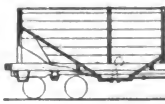
Flachbodenentlader (m)
5 discharging wagon with flat bottom
wagon (m) à déchargement par le fond plat

вагонъ (m), разгружающійся черезъ плоское дно
scaricatore (m) a fondo piano
vagón (m) para descargamiento por el fondo plano



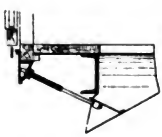
Trichterwagen (m)
6 hopper wagon *or* car (A)
wagon (m) trémie

вагонъ (m) съ разгрузочными воронками
carro (m) a tramoggie
vagón-tolva (m)



Rutschboden (m)
7 hopper bottom
fond (m) [en plan] incliné

скатъ (m) пола
pavimento (m) inclinato *od* a scivolone
fondo (m) [en plano] inclinado



Getreidetrichter (m)
8 grain hopper
trémie (f) à céréales

воронка (f) для выгрузки зерна
tramoggia (f) per grani
tolva (f) para cereales

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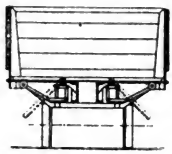
Wagen (m) mit Bodentrichter
hopper bottom car (A), wagon with hopper bottom
wagon (m) à fond en trémie

вагонъ (m) съ воронкообразнымъ дномъ
carro (m) con pavimento a tramoggie
vagón (m) con fondo en forma de tolva

1



Wagen (m) mit Bodenklappe
drop bottom car (A), truck with drop trap
wagon (m) à trappe

вагонъ (m) съ откидными люками или дверцами
carro (m) con botole nel fondo
vagón (m) con trampilla

2

Rollbock (m)
traverse trolley
truck (m) roulant (pour le transport des wagons)

телѣжка (f) для выкатки колёсъ
carrello (m), truck (m)
truck (m) *o* vagón-plataforma (m) para el transporte de vagones

3

Rollbahngleis (n)
trolley track
voie (f) de transbordement du wagon sur le truck

путь (m) для выкатки колёсъ
binario (m) di servizio
vía (f) de transbordo del vagón sobre el truck

4

Gleisgrube (f), Rollbockgrube (f)
pit for traverser
fosse (f) de la voie, voie (f) [à un niveau inférieur] pour le truck

яма (f) для выкатки колёсъ
fossa (f) pel binario di servizio
foso (m) de la vía

5

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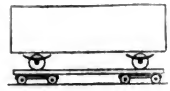
vierachsiger Unterwagen (m), Transporteur (m)
four axled under *or* platform truck
truck (m) à quatre essieux pour le transport des wagons



четырёхосная платформа (f) для перевозки вагоновъ
sottocarro (m) a quattro assi, carro (m) greve da trasporto
truck (m) de cuatro ejes para el transporte de vagones

6

Kleinwagen (m)
trolley
wagon[n]et (m)

вагонетка (f)
carrello (m), vagonetto (m)
vagoneta (f)

7

Kippwagen (m)
tip wagon
wagon (m) basculeur

опрокидывающійся вагонъ (m); вагонетка (f) съ опрокидывающимся кузовомъ
carro (m) a cassa ribaltabile *od* a bilico
vagón (m) bascular, volquete (m)

8

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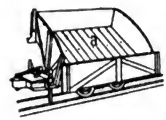
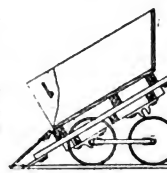


Kastenkippwagen (m), Kastenkipper (m)
1 box tipping wagon
wagon (m) *ou* wagonnet (m) à caisse basculante

вагонъ (m) *или* вагонетка (f) съ опрокидывающимся кузовомъ
vagone (m) a cassa a bilico *od* a ribaltamento
vagón (m) *ó* vagoneta (f) de caja basculante

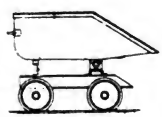
Kippkasten (m)
2 tip box
caisse (f) basculante

опрокидной кузовъ (m); опрокидывающійся ящикъ (m)
cassa (f) ribaltabile
caja (f) basculante



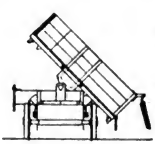
Stirnkipper (m), Vorderkipper (m)
end tip wagon
3 wagonnet (m) basculeur longitudinal, wagonnet (m) basculant longitudinalement

вагонъ (m) *или* вагонетка (f) съ опрокидывающимся впередъ кузовомъ
vagonetto (m) ribaltabile di testa
basculador (m) *ó* volquete (m) longitudinal



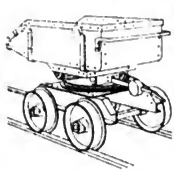
Schnabelkipper (m)
scuttle shaped tipping hopper
4 wagon (m) *ou* wagonnet (m) basculant avec bec

вагонъ (m) *или* вагонетка (f) съ опрокидывающимся впередъ остроносымъ кузовомъ
vagone (m) *o* vagoncino (m) a bilico con una parete a becco
vagón (m) *ó* vagoneta (f) de bascula, volquete (m) con pico



Seitenkipper (m)
side tip wagon
5 wagon (m) *ou* wagonnet (m) basculant latéralement

вагонъ (m) съ опрокидывающимся набокъ кузовомъ
vagonetto (m) ribaltabile di fianco
basculador (m) *ó* volquete (m) lateral



Rundkipper (m)
universal *or* all-round tipping wagon
6 wagonnet (m) articulé basculant dans toutes les directions

вагонъ (m) *или* вагонетка (f) съ вращающимся по кругу и опрокидывающимся на всѣ стороны кузовомъ
vagoncino (m) a bilico articolato circolare
vagoneta (f) articulada para bascular en cualquer dirección

Kippwelle (f), Kippbaum (m)
tip-beam, tip shaft, operating shaft
7 pivot (m) *ou* axe (m) du mouvement de bascule

валъ (m) *или* ось (f) вращенія кузова
albero (m) *od* asse (m) di ribaltamento
árbol (m) *ó* eje (m) del basculador

Kipplager (n)
8 tip bearing
palier (m) du pivot

подшипникъ (m) оси вращенія
cuscinetto (m) *o* sopporto (m) dell' asse di ribaltamento
soporte (m) de basculación

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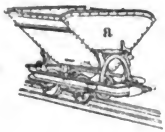
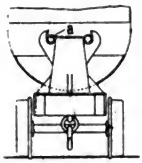
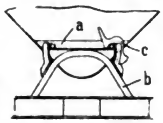
Muldenkipper (m) trough tip wagon wagonnet (m), basculeur (m) à auge		вагонетка (f) съ опрокидывающимся корытообразнымъ кузовомъ vagonetto (m) ribaltabile a conca basculador (m) ó volquete (m) de cuba
Kippmulde (f) tipping trough *or* hopper auge (f) *ou* benne (f) basculante	a	опрокидывающійся кузовъ (m) въ формѣ корыта conca (f) o truogolo (m) di scaricamento a bilico cuba (f) de bascula
Zapfenkipper (m) trunnion tipping hopper wagonnet (m) culbuteur à tourillons		опрокидывающаяся вагонетка (f) съ кузовомъ, вращающимся на цапфахъ vagoncino (m) a bilico su orecchioni vagoneta (f) volcadora ó volquete (m) de gorrones
Kippzapfen (m) tipping spindles *or* pins *or* trunnions tourillon (m) de wagonnet basculant	a	цапфа (f) опрокидывающагося кузова orecchione (m) del vagoncino a bilico gorrón (m) de vagoneta de bascula ó de volquete
Wiegenkipper (m) cradle tipping hopper wagonnet (m) basculant par glissement sur une courbe		опрокидывающійся вагонъ (m)-люлька (f) vagoncino (m) a bilico con bilancia su di un arco volquete (m) con deslizamiento por una curva
Abrollwiege (f) cradle *or* rocking iron courbe (f) de glissement		соскальзывающая *или* скатывающаяся люлька (f) curva (f) a scivolamento curva (f) de deslizamiento
Abrollbock (m) support of cradle, rolling curve frame support (m) de la courbe	b	козлы (m pl) для [соскальзыванія] люльки cavaletto (m) o sopporto (m) della curva soporte (m) de la curva
Muldenfeststellvorrichtung (f) trough *or* hopper fastening device dispositif (m) de retenue de la benne *ou* auge	c	приспособленіе (n) для закрѣпленія кузова [корыта] apparecchio (m) d'arresto del truogolo o della conca disposición (f) de retención de la cuba

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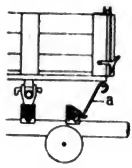
1 Stemmstütze (f)
end support, *or* sprag
tirant (m) de retenue



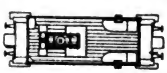
a

закрѣпа (f)
puntale (m), puntello (m)
tirante (m) de retención

2 Wagen besonderer Art
Special Types of Wagons *or* Carriages
Wagons spéciaux

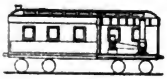
Вагоны спеціальнаго назначенія
Vagoni di tipo speciale
Vagones especiales

3 Heizkesselwagen (m)
boiler truck for heating
wagon (m) à chaudière de chauffage



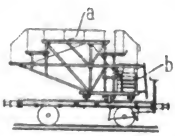
вагонъ (m) съ котломъ для отопленія
carro (m) per caldaia di riscaldamento
vagón (m) de caldera de calefacción

4 Heiz- und Beleuchtungswagen (m)
heating and lighting wagon
wagon (m) de chauffage et d'éclairage



вагонъ (m) для освѣщенія и отопленія
carro (m) di riscaldamento e d'illuminazione
vagón (m) de calefacción y alumbrado

5 Gerüstwagen (m)
scaffold wagon
wagon (m) à tréteaux



платформа (f) съ вышкой
carro (m) armatura
vagón (m) andamio

6 Arbeitsplattform (f)
working platform
plate-forme (f) de travail

a

рабочая площадка (f) вышки
piattaforma (f) di lavoro
plataforma (f) de trabajo

7 Ballastkasten (m)
ballast box
caisse (f) à ballast

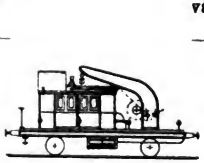
b

ящикъ (m) для балласта; балластная платформа (f)
cassa (f) da ballast *o* per ghiaia
caja (f) de lastre ó balasto

8 Werkzeugwagen (m), Gerätewagen (m)
tool-wagon, repair wagon
wagon (m) à outils

вспомогательный [ремонтный] вагонъ (m)
carro (m) attrezzi
vagón (m) de herramientas

9 Kranwagen (m)
crane truck, breakdown crane wagon, travelling crane, derrick car (A)
wagon (m) grue



крановый вагонъ (m)
carro (m) gru
vagón (m) grúa

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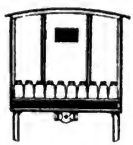
Rettungswagen (m)
ambulance wagon *or* car (A)
wagon (m) de secours

вагонъ (m) скорой помощи
vagone (m) di soccorso
vagón (m) de socorro
1

Gewichtwagen (m), Eichwagen (m)
wagon for calibrating weighing machines
wagon (m) lesté, *ou* d'étalonnage de bascule



вѣсовой вагонъ (m)
carro (m) per pesi
vagón (m) de peso, vagón (m) lastrado
2

Meßwagen (m)
instruction carriage, testing car (A)
wagon-dynamomètre (m)

провѣрочный *или* контрольный вагонъ (m)
carro (m) di misurazione
vagón-dinamómetro (m)
3

Küchenwagen (m)
kitchen car
wagon-cuisine (m)

вагонъ (m) -кухня (f)
carro (m) cucina
vagón-cocina (m)
4

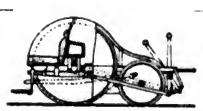
Bahndienstwagen (m)
permanent way wagon, service car (A)
wagon[n]et (m) de service de la voie

служебный вагонъ (m)
carro (m) di servizio della linea
vagoneta (f) para el servicio de la vía
5

Bahnwagen (m), Bahnmeisterwagen (m)
trolley, inspection trolley
wagon[n]et (m) d inspection

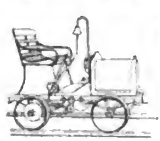
вагонъ (m) для дорожнаго мастера
carrello (m) della squadra di manutenzione
vagoneta (f) del guardavías
6

Draisine (f)
trolley, hand car (A)
draisienne (f), lorry (m)



дрезина (f)
dresina (f)
coche (m) pequeño abierto
7

Kraftdraisine (f), Motordraisine (f)
motor line inspection trolley *or* velocipede
draisienne (f) à moteur



моторная дрезина (f)
dresina-motrice (f), dresina (f) a motore
vagoneta (f) para inspección movida por motor
8

Dampfdraisine (f)
steam trolley, steam work car (A)
draisienne (f) à vapeur

паровая дрезина (f)
dresina (f) a vapore
coche (m) pequeño abierto movido por vapor
9

Gleisfahrrad (n)
velocipede trolley, cycle trolley
vélo[cipède] (m) sur rails

велосипедъ (m) - дрезина (f); желѣзнодорожный велосипедъ (m)
velocipede (m) per rotaie
velocipedo (m) de vía férrea
10

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	Wagenheizung	**Отопленіе вагоновъ**
1	**Carriage *or* Car (A) Heating**	**Riscaldamento delle vetture**
	Chauffage des voitures	**Calefacción de los coches**
2	Luftwärme (f) temperature of the air chaleur (f) de l'air, air (m) chaud	температура (f) воздуха calore (m) dell'aria calor (m) del aire
3	strahlende Wärme (f) radiant heat, heat transmitted by radiation chaleur (f) rayonnante	лучистая теплота (f) calore (m) irradiante calor (m) radiante
4	Anheizung (f) *oder* Vorheizung (f) des Zuges heating of the train chauffage (f) du train	отопленіе (n) поѣзда riscaldamento (m) del convoglio calefacción (f) del tren
5	den Zug anheizen (v) to heat the train chauffer (v) le train	отоплять поѣздъ riscaldare (v) il convoglio calentar (v) el tren
6	Feuergefährlichkeit (f) danger of fire danger (m) d'incendie	опасность (f) пожара; пожароопасность (f) pericolo (m) d' incendio peligro (m) de incendio
7	Heizvorrichtung (f) heating installation dispositif (m) de chauffage	приспособленіе (n) для отопленія disposizione (f) pel riscaldamento disposición (f) de calefacción
8	Heizkörper (m) radiator, heater radiateur (m) de chaleur, appareil (m) de chauffage	нагрѣватель (m); нагрѣвательный приборъ (m) irradiatore (m), apparecchio (m) di riscaldamento aparato (m) de calefacción, radiador (m) de calor
9	Wärmflasche (f) foot warmer chaufferette (f), bouillotte (f)	грѣлка (f) scaldapiedi (m), scaldino (m) calentador (m), calorífero (m)
10	Wärmflasche (f) mit Wasserfüllung foot warmer filled with water chaufferette (f) à eau	грѣлка (f) съ тёплой водой scaldapiedi (m) ad acqua calentador (m) ó calorífero (m) de agua
11	Wärmflasche (f) mit Sandfüllung foot warmer filled with sand chaufferette (f) à sable	грѣлка (f) съ пескомъ scaldapiedi (m) a sabbia calentador (m) ó calorífero (m) de arena

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Füllung (f) mit essigsaurem Natron
filling with acetate of sodium
remplissage (m) à l'aide d'acétate de soude

грѣлка (f) съ уксуснокислымъ натріемъ
riempimento (m) con acetato di soda
relleno (m) de acetato de sosa
1

Auswechslung (f) der Wärmflaschen
change of foot warmers
remplacement (m) des chaufferettes

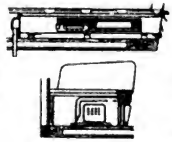
смѣна (f) грѣлокъ
ricambio (m) degli scaldapiedi
sustitución (f) de los recalentadores *ó* caloríferos
2

Fußwärmer (m)
foot warmer
chauffe-pieds (m), chaufferette (f)

грѣлка (f) для ногъ
scaldapiedi (m)
calienta-pies (m)
3

Preßkohlenheizung (f), Brikettheizung (f)
heating by briquettes
chauffage (m) par briquettes

отопленіе (n) угольными брикетами
riscaldamento (m) con mattonelle di carbone compresso
calefacción (f) con briquetas
4



Wärmkasten (m)
generating *or* heating chamber
caisse (f) de chauffage

нагрѣвательный сосудъ (m)
cassa (f) di riscaldamento
caja (f) de calefacción
5

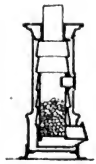
Kok[s]heizung (f)
heating by coke
chauffage (m) au coke

отопленіе (n) коксомъ
riscaldamento (m) a coke
calefacción (f) por cok
6

Holzkohlenheizung (f)
heating by char-coal
chauffage (m) au charbon de bois

отопленіе (n) древеснымъ углемъ
riscaldamento (m) a carbone di legna *o* carbone dolce
calefacción (f) con carbón de leña
7

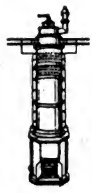
Ofenheizung (f)
heating by means of a stove
chauffage (m) par poêles



отопленіе (n) печами
riscaldamento (m) con stufa
calefacción (f) por estufas
8

Füllofen (m)
slow combustion stove
poêle (m) à combustion continue *ou* lente

печь (f) для непрерывнаго горѣнія
stufa (f) a combustione continua
estufa (f) de combustión continua
9



Dachfüllofen (m)
slow combustion stove fed from the roof
poêle (m) à combustion continue *ou* lente à chargement par le haut

печь (f) съ подачей топлива съ крыши вагона
stufa (f) a combustione continua a caricamento dal tetto
calorífero (m) *ó* estufa (f) de combustión continua con carga por encima
10

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1 Rippenofen (m)
ribbed stove, stove provided with ribs
poêle (m) à ailettes

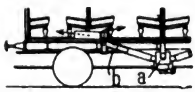
ребристая печь (f)
stufa (f) a nervature *o* piegolinata
calorifero (m) *ó* estufa (f) de aletas

2 Luftheizung (f)
heating of the air, hot air system
chauffage (m) à l'air chaud

воздушное отопленіе (n)
riscaldamento (m) ad aria calda
calefacción (f) por aire

3 Luftheizofen (m)
air-heater
calorifère (m) à air chaud

печь (f) для воздушнаго отопленія
calorifero (m) ad aria calda, stufa (f) ventilatrice
calorifero (m) de aire caliente



4 Hängeofen (m)
suspended stove
calorifère (m) suspendu

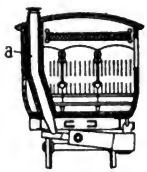
подвѣсная печь (f)
stufa (f) sospesa
calorifero (m) suspendido

a

5 Warmluftkanal (m)
duct *or* passage for hot air, hot air conduit
conduite (f) d'air chaud

b

каналъ (m) для нагрѣтаго воздуха
canale (m) dell'aria calda, passaggio (m) dell'aria riscaldata
canal (m) de aire caliente



6 Rauchabzugsrohr (n)
chimney, chimney flue, smoke pipe (A)
tuyau (m) [d'évacuation] de fumée

дымовая труба (f)
tubo (m) di scarico del fumo, camino (m)
tubo (m) de expulsión del humo, chimenea (f)

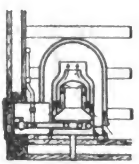
a

7 Rauchhut (m), Rauchkappe (f)
chimney top, cowl, smoke jack (A)
chapeau (m) de cheminée

дымовой колпакъ (m)
cappello (m) del camino
caperuza (f) de chimenea

8 Gasheizung (f)
heating by gas
chauffage (m) au gaz

газовое отопленіе (n)
riscaldamento (m) a gas
calefacción (f) por gas



9 Ölgasofen (m)
oil gas stove
poêle (m) au gaz d'huile

печь (f) для отопленія газовымъ масломъ
stufa (f) a gas d'olio
calorifero (m) de gas de aceite

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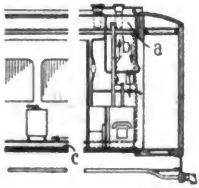
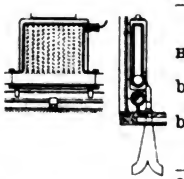


Warmwasserheizung (f) hot water heating chauffage (m) à l'eau chaude		водяное отопленіе (n) riscaldamento (m) a termosifone calefacción (f) por agua caliente	1
Warmwasserbehälter(m) hot water cistern *or* tank réservoir (m) d'eau chaude	a	резервуаръ (m) для горячей воды; бакъ (m) съ горячей водой serbatoio (m) d'acqua calda depósito (m) de agua caliente	2
Warmwasserstrom (m) hot water current courant (m) d'eau chaude		токъ (m) горячей воды corrente (f) di acqua calda corriente (f) de agua caliente	3
Steigerohr (n) rising pipe, riser (A) tuyau (m) montant *ou* ascendant	b	исходящая *или* восходящая водяная трубка (f) tubo (m) ascendente tubo (m) ascendente	4
Rücklaufrohr (n) return pipe tuyau (m) de retour, tuyau (m) descendant	c	возвратная *или* нисходящая труба (f) tubo (m) discendente *o* di ritorno tubo (m) descendente	5
Warmwasserheizofen (m), Bakerscher Ofen (m) hot water heater *or* calorifere, Baker's hot water stove calorifère (m) à eau chaude, calorifère (m) de Baker		печь (f) водяного отопленія; печь [системы] Бэкера calorifero (m) ad acqua calda, calorifero (m) Baker calorifero (m) de agua caliente, calorifero (m) de Baker	6
Schlangenrohr (n) generator coil serpentin (m)	a	змѣевикъ (m) tubo (m) a serpentino serpentin (m)	7
Heizbatterie (f) heating unit batterie (f) de chauffage		нагрѣвательная батарея (f) batteria (f) di riscaldamento bateria (f) de calefacción	8
Salzwasser (n), Salzlösung (f) brine, saltwater, solution of salt eau (f) salée, solution (f) de sel		солёная вода (f); растворъ (m) соли; разсолъ (m) acqua (f) salata, soluzione (f) salina agua (f) salada, solución (f) salina	9

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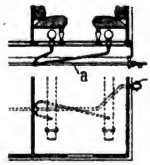
Dampfheizung (f)
steam heat, steam heating
1 chauffage (m) à [la] vapeur

паровое отопленіе (n)
riscaldamento (m) a vapore
calefacción (f) por vapor



unmittelbare Dampfheizung (f)
direct steam-heating, live steam heating
2 chauffage (m) direct à vapeur

непосредственное паровое отопленіе (n)
riscaldamento (m) diretto a vapore
calefacción (f) directa por vapor

Hauptdampfrohr (n)
main steam pipe
3 conduite (f) de vapeur générale

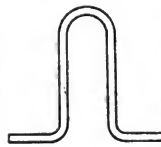
a

главная паровая труба (f)
tubo (m) principale del vapore
tubo (m) de vapor principal

Heizzylinder (m), Heizkörper (m)
heating cylinder
4 cylindre (m) de chauffage

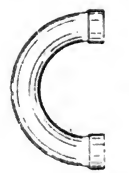
a

нагрѣвательный цилиндръ (m)
cilindro (m) o corpo (m) riscaldatore
cilindro (m) de calefacción



Heizschlange (f)
radiator heating coil
5 serpentin (m) de chauffage, radiateur (m) en serpentin

нагрѣвательный змѣевикъ (m)
serpentino (m) riscaldatore, irradiatore (m) a serpentino
serpentin (m) de calefacción

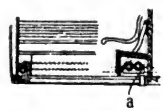


offenes Umkehrstück (n)
open return bend, easy return bend
6 coude (m) de retour à grand rayon

широкое *или* большое колѣно (n) для обратнаго отвода
gomito (m) di ritorno aperto
codo (m) de retorno abierto

geschlossenes Umkehrstück (n)
close return bend, sharp return bend
7 coude (m) de retour à petit rayon

узкое *или* малое колѣно (n) для обратнаго отвода
gomito (m) di ritorno chiuso
codo (m) de retorno cerrado



Heizrohrkasten (m)
heating tube box
8 caisse (f) de tuyaux de chauffage

a

сосудъ (m) съ нагрѣвательными трубами
cassetta (f) del tubo di riscaldamento
caja (f) de los tubos de calefacción

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Niederdruckheizung (f)
low pressure heating
chauffage (m) à basse pression

паровое отопленіе (n) низкаго давленія
riscaldamento (m) a bassa pressione
calefacción (f) á baja presión
1

Hochdruckheizung (f)
high pressure heating
chauffage (m) à haute pression

паровое отопленіе (n) высокаго давленія
scaldamento (m) ad alta pressione
calefacción (f) de alta presión
2

Aufspeicherungssystem (n)
storage system, heat accumulation system
système (m) (de chauffage) par emmagasinement ou conservation de la chaleur

система (f) накопленія *или* аккумулированія
sistema (m) di accumulazione
sistema (m) por conservación del calor
3

Wärmespeicher (m)
storage heater, heat accumulator
corps (m) emmagasinant la chaleur

тепловой аккумуляторъ (m)
accumulatore (m) di calore
cuerpo (m) que conserva el calor
4

Rückkehrsystem (n)
return system
système (m) de retour

система (f) съ обратнымъ отводомъ [конденсаціонной воды въ тендеръ]
sistema (m) di ritorno
sistema (m) de retorno
5

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vereinigte Dampf- und Warmwasserheizung (f)
combined steam and hot water heating
chauffage (m) [à] eau et [à] vapeur

комбинированное пароводяное отопленіе (n)
riscaldamento (m) ad acqua ed a vapore
calefacción (f) mixta por vapor y agua caliente
6

Vermischungssystem (n)
commingler storage system, mixed system
système (m) à mélange

система (f) смѣшенія
sistema (m) a doppio effetto
sistema (m) de mezcla
7

Vermischungsapparat (m)
commingler, mixer
[appareil (m)] mélangeur (m)

смѣситель (m); смѣшивающій аппаратъ (m) *или* приборъ (m)
apparecchio (m) a doppio effetto
[aparato (m)] mezclador (m)
8

Dampfstrahlsystem (n)
[steam] jet-system
système (m) à jet de vapeur

пароструйная система (f)
sistema (m) a getto di vapore
sistema (m) de chorro de vapor
9

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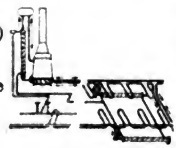
1 Dampfstrahlmischer (m)
sealed jet, steam jet mixer
mélangeur (m) à jet de vapeur

пароструйный смѣситель (m)
mescolatore (m) a getto di vapore
mezclador (m) de chorro de vapor

2 Doppelschlangenrohr(n)
double coil
serpentin (m) double

двойной змѣевикъ (m)
serpentino (m) doppio
serpentin (m) doble

3 Dampfmantelheizung (f)
steam jacket heating
chauffage (m) par chemise *ou* enveloppe de vapeur

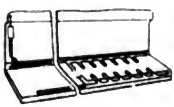


отопленіе (n) паровой рубашкой
riscaldamento (m) a camicia *od* a inviluppo di vapore
calefacción (f) por camisa de vapor

4 Heizmantel (m)
jacket, heating jacket
chemise (f) *ou* enveloppe (f) de vapeur

паровая рубашка (f)
camicia (f) riscaldatrice, involucro (m) regolatore
camisa (f) de vapor

5 Heizleitung (f)
heating conduit, heating pipe
conduite (f) de chauffage



трубопроводъ (m) отопленія
condotta (f) di riscaldamento
tubería (f) de calefacción

6 Dampfeinlaßventil (n)
steam inlet *or* supply valve, controlling valve
soupape (f) d'entrée de vapeur

паровпускной клапанъ (m) *или* вентиль (m)
robinetto (m) *o* valvola (f) di introduzione del vapore
válvula (f) de entrada de vapor

7 Niederschlagwasser (n)
condensation water
eau (f) condensée

конденсаціонная вода (f)
acqua (f) di condensazione
agua (f) condensada

8 selbsttätiger Wasserabscheider (m)
automatic water-trap
purgeur (m) automatique d'eau condensée

самодѣйствующій водоотводчикъ (m); автоматическій конденсаціонный горшокъ (m)
scaricatore (m) automatico dell'acqua di condensazione
separador (m) automático de agua condensada

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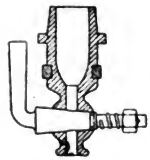
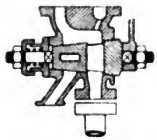
Absperrhahn (m)
cut off cock
robinet (m) d'arrêt



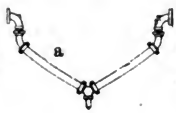
запорный кранъ (m)
robinetto (m) di arresto
llave (f) de interrupción
1

Schlußhahn (m)
closing valve
robinet (m) de fermeture



затворный кранъ (m)
robinetto (m) di chiusura
llave (f) de cierre
2

Heizkupplung (f)
heating hose coupling
accouplement (m) [de tuyauterie] de chauffage



междувагонное соединеніе (n) трубопровода отопленія
accoppiamento (m) dei tubi di riscaldamento
acoplamiento (m) de [tubería de] calefacción
3

Heizschlauch (m)
heating pipe *or* tube
boyau (m) de la conduite de chauffage

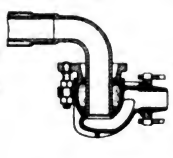
a

рукавъ (m) парового отопленія
tubo (m) flessibile dello scaldamento
tubo (m) flexible de la cañería de calefacción
4

Überschlagbügel (m), Schraubenbügel (m)
screw clamp *or* clip
étrier (m) à vis

хомутъ (m) съ болтомъ
staffa (f) a vite
estribo (m) de tornillo
5

Gummikugelgelenk (n)
india rubber universal joint
articulation (f) à boule de caoutchouc



сочлененіе (n) посредствомъ резиноваго шара
articolazione (f) a palla di gomma
articulación (f) de bola de goma
6

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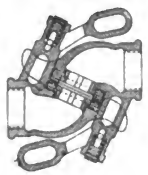
selbsttätig sich lösende Heizkupplung (f)
automatic release coupling
accouplement (m) de chauffage à dégagement automatique



автоматически разъединяющееся соединеніе (n) трубопровода отопленія
accoppiamento (m) della condotta di riscaldamento a disinnesto automatico
acoplamiento (m) de calefacción con desembrague automático
7

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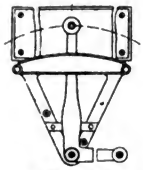

1 Heizungstellhebel (m)
heat regulating lever
levier (m) régulateur de chauffage

регуляторная рукоятка (f) отопленія; рычагъ (m), регулирующій отопленіе
leva (f) regolatrice del riscaldamento
palanca (f) para regular la calefacción

2 Drehschieber (m)
rotary valve
robinet (m) tournant

поворотный золотникъ (m)
registro (m) girevole
registro (m) giratorio

3 elektrische Heizung (f)
electric heating
chauffage (m) électrique

электрическое отопленіе (n)
riscaldamento (m) elettrico
calefacción (f) eléctrica

4 elektrischer Heizkörper (m)
electric heater
radiateur (m) électrique

электрическая грѣлка (f)
irradiatore (m) elettrico
radiador (m) eléctrico

5 Widerstandspule (f)
resistance coil
bobine (f) de résistance

катушка (f) сопротивленія
rocchetto (m) di resistenza
bobina (f) de resistencia

Wagenlüftung
Ventilation of Carriages, Car Ventilation (A)
Ventilation des voitures

Вентиляція вагоновъ
Ventilazione delle vetture
Ventilación de los coches

6 lüften (v)
to air, to ventilate
ventiler (v), aérer (v)

вентилировать; провѣтри-ть (-вать)
ventilare (v)
ventilar (v), airear (v)

7 feststehende Lüftungsscheibe (f), Lüftungsfenster (n)
fixed ventilator panel, fixed ventilator, ventilator-sash
panneau (m) de ventilation fixe

вентиляціонное окошко (n) съ постояннымъ отверстіемъ
disco (m) di ventilazione fisso, finestrella (f) di ventilazione
ventanilla (f) fija de ventilación

8 Lüftungsöffnung (f)
ventilation opening
ouverture (f) de ventilation

вентиляціонное отверстіе (n)
apertura (f) di ventilazione
orificio (m) de ventilación

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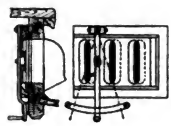
Lüftungschieber (m)
ventilator sliding panel
registre (m) de ventilation

вентиляціонная заслонка (f)
registro (m) di ventilazione
registro (m) de ventilación

1

Lüftungschieber (m) mit äußerer Blechkappe
hit and miss ventilator
registre (m) de ventilation à capuchon extérieur en tôle



вентиляціонная заслонка (f) съ наружнымъ листовымъ щиткомъ
registro (m) di ventilazione con cappuccio esterno in lamiera
registro (m) de ventilación con viertaguas *ó* caperuza exterior de chapa

2

Lüftungsklappe (f)
ventilator flap
clapet (m) de ventilation

вентиляціонная крышка (f)
coperchio (m) di ventilazione a cerniera
trampilla (f) de ventilación

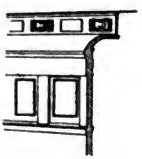
3

Rohrkrümmer (m)
ventilator scoop *or* hood
coude (m) de tuyau

колѣно (n); колѣнчатая труба (f)
gomito (m) del tubo
codo (m) [de tubo]

4

Lüftungsaufbau (m), Lüftungslaterne (f)
ventilator storey
lanterneau (m) de ventilation



вентиляціонный фонарь (m)
spiraglio (m) di ventilazione
claraboya (f) de ventilación

5

Deckenlüftung (f)
roof ventilation
ventilation (f) par le plafond

вентилящія (f), устроенная въ потолкѣ вагона
ventilazione (f) dal soffitto
ventilación (f) de techo

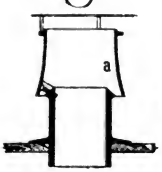
6

unbekröntes Lüftungsrohr (n)
ventilator pipe without cap
tuyau (m) de ventilation sans chapiteau

вентиляціонная труба (f) безъ колпака
tubo (m) di ventilazione senza corona
tubo (m) de ventilación sin capitel

7

Lüftungssauger (m)
suction ventilator
aspirateur (m) de ventilation



вытяжной кожухъ (m); вентиляціонный сосунъ (m) *или* аспираторъ (m)
aspiratore (m) d'aria di ventilazione
aspirador (m) de ventilación

8

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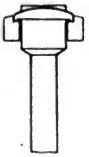
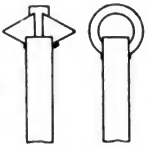
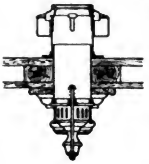
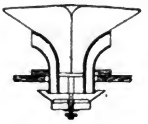
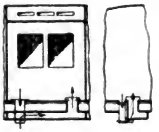
1	Saugerhelm (m) suction cap *or* cowl chapeau (m) d'aspiration	a	колпакъ (m) вытяжного кожуха или вентиляціоннаго сосуна или аспиратора cappuccio (m) aspiratore sombrerete (m) aspirador
2	Sauger (m) mit beweglicher Kappe suction ventilator with movable cap aspirateur (m) à mitre *ou* chapeau mobile		вытяжной кожухъ (m) или сосунъ (m) или аспираторъ (m) съ подвижной головкой aspiratore (m) a cappuccio mobile aspirador (m) con caperuza móvil
3	Torpedosauger (m) torpedo ventilator aspirateur (m) (en forme de torpille)		вытяжной кожухъ (m) или сосунъ (m) или аспираторъ (m) „торпедо" aspiratore (m) torpedo aspirador (m) en forma de torpedo
4	verstellbare Lüftung (f) adjustable ventilation ventilation (f) réglable		регулируемая вентиляція (f) ventilazione (f) regolabile ventilación (f) regulable
5	Luftsauger (m) mit Drehschieber suction ventilator with hit and miss valve, suction ventilator with revolving *or* register valve aspirateur (m) d'air à registre tournant		вытяжной кожухъ (m) или сосунъ (m) или аспираторъ (m) съ поворотной заслонкой aspiratore (m) d'aria con registro girevole aspirador (m) de aire con registro giratorio
6	Deckeneinbläser (m) ceiling ventilator, air intake through ceiling insufflateur (m) *ou* souffleur (m) dans le plafond		потолочный воздуходувный или вдувной приборъ (m) insufflatore (m) *od* iniettore (m) d'aria dal soffitto insuflador (m) en el techo
7	Bodeneinbläser (m) air intake through floor insufflateur (m) *ou* souffleur (m) dans le plancher		половой воздуходувный или вдувной приборъ (m) insufflatore (m) *od* iniettore (m) d'aria dal pavimento insuflador (m) en el piso

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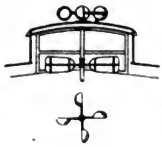
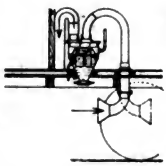


Flügelventilator (m)
fan ventilator
ventilateur(m) à palettes *ou* à ailettes

крыльчатый вентиляторъ (m)
ventilatore (m) a palette *od* ad ali
ventilador (m) de paletas ó de aspas

1



Reinigung (f) der Luft durch Wasserfilter
purifying of the air by means of water filter
purification (f) de l'air par filtrage au travers d'une nappe d'eau

очистка (f) воздуха водянымъ фильтромъ
purificazione (f) dell'aria attraverso filtro d'acqua
purificación (f) del aire mediante un filtro de agua

2

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IV.

Betriebsmittel der Bahnen besonderer Bauart

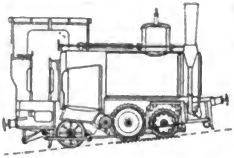
Rolling stock for Railways of Special Construction

Matériel roulant des voies de types spéciaux

Подвижной составъ дорогъ особой конструкціи

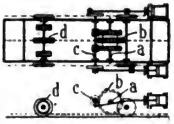
Materiale rotabile per ferrovie di tipo speciale

Material móvil de los ferrocarriles de tipo especial



Zahnradlokomotive (f)
rack locomotive
1 locomotive (f) à roue dentée, locomotive (f) de voie à crémaillère

паровозъ (m) зубчатой дороги
locomotiva (f) a dentiera *od* a ruota dentata
locomotora (f) de ruedas dentadas *ó* para vía de cremallera



Lokomotive (f) mit reinem Zahn[rad]antriebe
2 rack locomotive without adhesion engine
locomotive (f) à commande par engrenage

паровозъ (m) съ тягою исключительно отъ зубчатки
locomotiva (f) solamente a ruota dentata
locomotora (f) de transmisión por engranajes

Zahn[rad]achse (f)
pinion shaft, driving pinion shaft
3 essieu (m) moteur à roue dentée — a

[ведущая] ось (f) зубчатой передачи
sala (f) della ruota dentata
eje (m) de rueda dentada

Zahntriebrad (n), Triebzahnrad (n)
driving pinion
4 roue (f) dentée motrice — b

зубчатое ведущее колесо (n)
ruota (f) dentata motrice
rueda (f) dentada motriz

Blindachse (f)
loose axle *or* shaft
5 faux-essieu (m), arbre (m) moteur — c

свободный валъ (m); свободная ось (f)
sala (f) folle
falso-eje (m)

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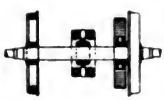
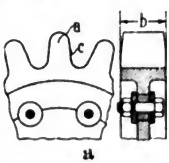
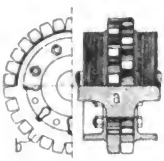
Bremszahnrad (n) brake gear wheel roue (f) dentée de freinage	d	тормазное колесо (n) зубчатой передачи ruota (f) dentata del freno rueda (f) dentada de freno	1
in der Mitte angeordnetes Zahnrad (n) central driving pinion roue (f) dentée motrice médiane *ou* placée au milieu		зубчатое колесо (n), помѣщённое въ центрѣ ruota (f) dentata motrice calettata in mezzo rueda (f) dentada motriz colocada en el medio	2
seitlich angeordnetes Zahnrad (n) lateral driving pinion roue (f) dentée latérale *ou* placée sur le côté		зубчатое колесо (n), помѣщённое сбоку ruota (f) dentata calettata lateralmente rueda (f) dentada lateral	3
Radzahn (m) wheel tooth, cog dent (f) de roue		зубецъ (m) колеса dente (f) della ruota diente (m) de la rueda	4
Radzahnbreite (f) width of cog *or* tooth largeur (f) de la dent de roue	b	ширина (f) зубца колеса larghezza (f) del dente della ruota ancho (m) del diente de la rueda	5
Zahnflanke (f) flank of cog *or* tooth flanc (m) de la dent	c	боковая поверхность (f) зубца fianco (m) del dente fianco (m) *ó* costado (m) del diente	6
Stufenrad (n), Abtsches Zahnrad (n) stepped pinion, wheel with staggered teeth roue (f) à dents alternées, roue (f) dentée de Abt		ступенчатое колесо (n); колесо со сдвинутыми зубцами; зубчатое колесо Абта ruota (f) a gradini rueda (f) de dientes alternados, rueda (f) dentada de Abt	7
Zahnradnabe (f) nave of toothed wheel moyeu (m) de roue dentée	a	ступица (f) зубчатаго колеса mozzo (m) a denti *o* dentato cubo (m) de rueda dentada	8
Zahnradkranz (m) rim of toothed wheel couronne (f) dentée	b	зубчатый бандажъ (m) колеса corona (f) della ruota dentata corona (f) dentada	9

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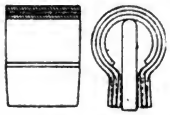
1 federnde Lagerung (f) des Zahnradkranzes
spring mounting of rim of toothed wheel
montage (m) sur ressorts de la couronne dentée de la roue

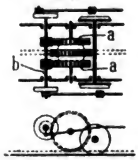
упругое соединеніе (n) зубчатаго бандажа съ колесомъ
attacco (m) elastico della corona di ruota dentata
montaje (m) elástico de la corona dentada

2 Mitnehmerfeder (f)
steel spring
ressort (m) d'entraînement



стальная захватная пружина (f)
molla (f) in acciaio
resorte (m) de arrastre

3 Zahnradübersetzung (f)
transmission by cogwheels
transmission (f) *ou* multiplication (f) par engrenages



зубчатая передача (f)
trasmissione (f) dell'ingranaggio
transmisión (f) por engranaje

4 Übersetzungszahnrad (n)
transmission cogwheel
roue (f) dentée de renvoi

a

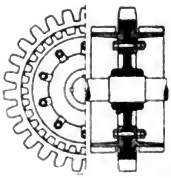
передаточное зубчатое колесо (n); колесо зубчатой передачи
ruota (f) dentata di trasmissione
rueda (f) dentada de transmisión

5 Vorgelegewelle (f)
transmission shaft
arbre (m) de renvoi

b

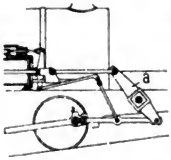
передаточный валъ (m)
albero (m) di rinvio *o* di rimando
árbol (m) de transmisión

6 aufgebolztes Übersetzungsrad (n)
bolted on transmission cogwheel
roue (f) de renvoi boulonnée [en place]



передаточное колесо (n), прикрѣплённое на болтахъ
ruota (f) di trasmissione montata su bulloni
rueda (f) de transmisión fijada con pernos

7 Schwingenübersetzung (f)
transmission by rocking lever
transmission (f) par balancier



балансирная передача (f)
trasmissione (f) a bilanciere
transmisión (f) por balancín

8 doppelarmige Schwinge (f)
double-armed rocking lever
balancier (m) à deux bras

a

двуплечій балансиръ (m)
bilanciere (m) a doppio braccio
balancín (m) de dos brazos

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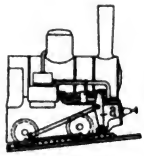
einarmige Schwinge (f)
single-armed rocking lever
balancier (m) à un bras



одноплечій балансиръ (m)
bilanciere (m) ad un braccio
balancín (m) de un brazo

1

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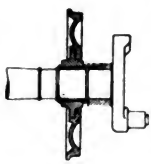
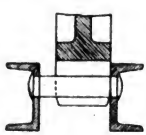
lose auf der Achse sitzendes Laufrad (n)
carrying wheel running loose on its axle
roue (f) porteuse folle sur l'essieu



бѣгущее колесо (n), свободно насаженное на ось; бѣгунокъ (m), вольно сидящій на оси
ruota (f) portante folle sull' asse
rueda (f) portadora loca sobre los ejes

2

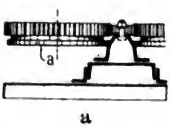
Anstreifen (n) des Rades an die Wangen der Zahnstange
rubbing of wheels against rack cheeks
effleurement (m) des flasques par la roue



боковое треніе (n) колёсъ; треніе колёсъ о щёки зубчатки
strisciamento (m) della ruota sulle ganascie o longherine
rozamiento (m) de las ruedas sobre el larguero

3

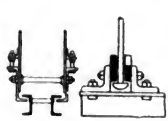
Führungsrad (n)
guide wheel, guide roller
roue-guide (f), roue (f) de guidage



направляющее колесо (n)
ruota (f) di guida
rueda (f) de guía

4

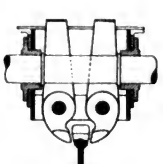
Fahrzeugverankerung (f)
safety catch on vehicles
ancrage (m) de la locomotive



закрѣпленіе (n) телѣжки; предохранительная защѣпка (f) *или* предохранительный подхватъ (m) телѣжки
ancoraggio (m) del veicolo
anclaje (m) de la locomotora

5

Sicherheitszange (f)
safety tongs
grappin (m) *ou* griffes (f pl) de sûreté



предохранительные щипцы (m pl)
tanaglia (f) di sicurezza
arpeo (m) ó tenazas (f pl) de seguridad

6

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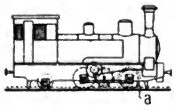
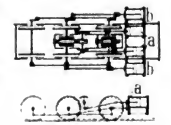
1	gemischte Lokomotive (f), Lokomotive (f) mit gemischtem Antriebe, Lokomotive (f) mit Reibungs- und Zahnantrieb combined rack and adhesion locomotive locomotive (f) mixte, locomotive (f) à roue dentée et à adhérence		смѣшанный паровозъ (m); паровозъ со смѣшанной тягой посредствомъ зубчатки и рельсовъ locomotiva (f) a doppio effetto, locomotiva (f) a ruote dentate ed ad aderenza locomotora (f) mixta, locomotora (f) con rueda dentada y de adherencia
2	Reibungsrad (n) adhesion wheel roue (f) d'adhérence, roue (f) de friction	a	фрикціонное колесо (n); колесо трепія ruota (f) d'aderenza *o* portante rueda (f) de adherencia *ó* adherente
3	Lokomotive (f) mit gekuppelten Triebwerken locomotive with coupled gears locomotive (f) à mécanismes moteurs [accouplés		паровозъ (m) со спаренными движущими механизмами; паровозъ съ однимъ механизмомъ, общимъ какъ для зубчатой, такъ и для простой тяги locomotiva (f) a meccanismi motori accoppiati locomotora (f) de mecanismos motores acoplados
4	Lokomotive (f) mit getrennten Triebwerken locomotive with independent gears locomotive (f) à mécanismes moteurs séparés *ou* indépendants		паровозъ (m) съ отдѣльными движущими механизмами locomotiva (f) a meccanismi motori indipendenti locomotora (f) de mecanismos motores separados
5	Zahnradmaschine (f) rack engine mécanisme (m) moteur à roue dentée	a	машина (f) къ зубчатымъ колесамъ; машина для зубчатой тяги macchina (f) a ruote dentate *od* ad ingranaggio mecanismo (m) motor de rueda dentada
6	Reibungsmaschine (f) adhesion engine mécanisme (m) moteur à adhérence	b	машина (f) къ колёсамъ трепія; машина для простой тяги macchina (f) ad aderenza naturale mecanismo (m) motor de adherencia
7	Lokomotive (f) mit stehendem Kessel locomotive with vertical boiler locomotive (f) à chaudière verticale		паровозъ (m) съ вертикальнымъ котломъ locomotiva (f) a caldaia verticale locomotora (f) de caldera vertical

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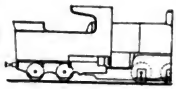
Tenderdrehgestell (n)
tender bogie *or* truck (A)
bogie (m) de tender



телѣжка (f) тендера
carrello (m) da tender *1*
bojía (f) de ténder

Zahn[rad]triebwagen (m)
rack motor coach
voiture (f) motrice *ou* motrice (f) à roue dentée *ou* pour crémaillère

вагонъ (m) съ тягой посредствомъ зубчатки
automotrice (f) a ruota dentata *od* ad ingranaggio *2*
automotriz (f) de rueda dentada

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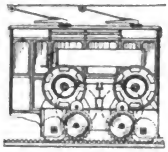
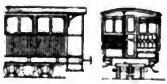
elektrische Zahnradlokomotive (f)
electric rack locomotive
locomotive (f) électrique à roue dentée *ou* pour crémaillère



электровозъ (m) зубчатой дороги
locomotiva (f) elettrica a ruota dentata *od* ingranaggio *3*
locomotora (f) eléctrica con rueda dentada

Zahnradwagen (m)
carriage fitted with pinion
voiture (f) à roue dentée *ou* pour crémaillère

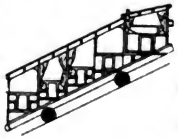


вагонъ (m) зубчатой дороги
vettura (f) a ruota dentata, vagone (m) ad ingranaggio *4*
coche (m) *ó* carruaje (m) con rueda dentada

Seilbahnwagen (m)
cable railway carriage
voiture (f) de chemin de fer funiculaire

вагонъ (m) канатной дороги; вагонъ фуникуляра
vettura (f) da funicolare *5*
coche (m) de una vía funicular

Wagen (m) mit staffelförmigen Abteilen
car with stepped compartments
wagon (m) à compartiments en gradins



вагонъ (m) со ступенчато расположенными отдѣленіями; вагонъ со ступенчатымъ поломъ *6*
vettura (f) con scompartimenti a gradini
vagón (m) con departamentos escalonados

Wasserballastbahn (f)
water balance incline
voie (f) à contrepoids *ou* balance d'eau

дорога (f) съ вагонами, снабжёнными водянымъ балластомъ
funicolare (f) a carico d'acqua *od* a contrappeso *7*
vía (f) con lastre de agua

Wasserübergewicht (n), Wasserzusatzgewicht (n)
excess weight of water
surpoids (m) d'eau

перевѣсъ (m) *или* добавочный вѣсъ (m) водяного балласта
contrappeso (m) d'acqua, soprappeso (m) d'acqua *8*
exceso (m) de peso de agua

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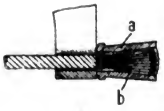
Seilbüchse (f), Seilhülse (f)
1 cable shoe *or* thimble
douille (f) du câble



a

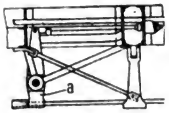
муфта (f) для закрѣпленія конца каната
manicotto (m) della fune, scatola (f) di ritegno della fune
manguito (m) del cable

Seilkopf (m)
2 rope end
tête (f) du câble

b

конецъ (m) каната
testa (f) della fune
extremidad (f) del cable

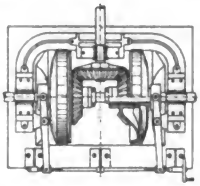
Seilhebel (m)
3 rope lever
levier (m) du câble



a

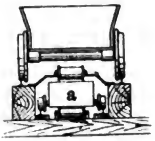
канатный рычагъ (m)
leva (f) della fune
palanca (f) del cable

Umschaltgetriebe (n)
reversing gear
4 mécanisme (m) de changement (de marche)



механизмъ (m) для переключенія; переходной механизмъ
meccanismo (m) di inversione
mecanismo (m) de cambio

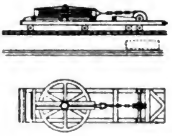
Gegengewichtwagen (m)
5 balance truck *or* car
wagon (m) contrepoids



a

вагонъ (m) -противовѣсъ (m)
carro (m) contrappeso
vagón (m) de contrapeso

Spannwagen (m)
6 tension truck
wagon (m) tendeur



натяжная телѣжка (f)
carro (m) tenditore
vagón (m) tensor

Mitnehmer (m)
grip, gripper
7 entraineur (m), grip (m), grappin (m) *ou* griffe (f) d'entraînement

захватъ (m); захватывающее приспособленіе (n)
tanaglia (f), morsa (f) di trascinamento, prendifune (m)
arrastrador (m), arpeo (m) de arrastre

Mitnehmerschuh (m)
grip slipper
8 sabot (m) *ou* joues (f pl) de l'appareil d'entraînement

захватывающій башмакъ (m)
pattino (m) della tanaglia di trazione *o* del prendifune
patín (m) de arrastre

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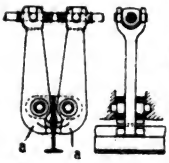
Mitnehmerwagen (m), Greiferwagen (m)
grip car, dummy car
truck (m) à grappin *ou* grip

вагонъ (m) съ захватомъ
vagone (m) portatanaglia *o* del prendifune
truck (m) con arpeo de arrastre *1*

Zangenbremse (f)
clip *or* gripper brake
frein (m) à mâchoires



клещевой тормазъ (m)
freno (m) a mordenti *od* a griffe
freno (m) de mordazas *2*

Bremszange (f)
brake clip *or* gripper
mâchoires (f pl) de frein

a

клещи (f pl) тормаза
tenaglia (f) *o* mordente (m) del freno
mordazas (f pl) del freno *3*

Hängewagen (m)
suspended car
voiture (f) suspendue

a

подвѣсный вагонъ (m)
vettura (f) sospesa
coche (m) suspendido *4*

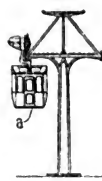
---

exzentrisch aufgehängter Wagen (m)
eccentrically hung car
voiture (f) à suspension excentrique

внѣцентренно подвѣшенный вагонъ (m)
vettura (f) sospesa eccentricamente
coche (m) suspendido excéntricamente *5*

---

freischwebender Wagen (m)
freely hung car
voiture (f) librement suspendue

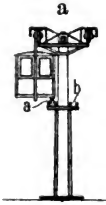


a

свободно подвѣшенный вагонъ (m)
vettura (f) sospesa liberamente
coche (m) suspendido libremente *6*

---

abgestützter Wagen (m)
laterally supported car
voiture (f) supportée latéralement



поддерживаемый вагонъ (m); подпёртый вагонъ
vettura (f) sostenuta lateralmente
coche (m) apoyado lateralmente *7*

Stützrolle (f)
bearing roller
galet (m) d'appui

a

поддерживающій роликъ (m)
rotella (f) d'appoggio
polea (f) de apoyo *8*

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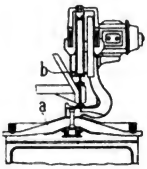
1 Stützschiene (f)
bearing rail
rail (m) d'appui

b

поддерживающій рельсъ (m)
rotaia (f) d'appoggio
carril (m) de apoyo

2 Querbaum (m)
transverse beam
traverse (f), poutre (f) transversale



a

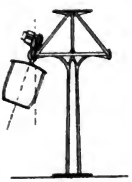
поперечная балка (f); поперечина (f)
traversa (f), trave (f) trasversale
traviesa (f), viga (f) transversal

3 Sicherheitsnase (f)
safety hook
taquet (m) de sûreté

b

предохранительный выступъ (m)
nottolino (m) *o* naso (m) di sicurezza
talón (m) de seguridad

4 Schiefstellung (f) des Wagens
oblique position of car
position (f) oblique de la voiture



наклонное положеніе (n) вагона
obliquità (f) della vettura
oblicuidad (f) del coche

5 Pendeln (n) des Wagens
swinging of car
mouvement (m) pendulaire de la voiture

качаніе (n) вагона
movimento (m) pendolare della vettura *od* a pendolo del carro
movimento (m) pendular del coche

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V.

Zugbeleuchtung

Lighting of Trains

Éclairage des trains

Освѣщеніе поѣздовъ

Illuminazione dei convogli

Alumbrado de los trenes

Einzelbeleuchtung mit Kerzen und flüssigen Brennstoffen

Self Lighting by Means of Candles *or* Oil

Éclairage au moyen de bougies *ou* de combustibles liquides

Свѣчное освѣщеніе и освѣщеніе жидкими горючими матеріалами

Illuminazione separata con candelle ed altre materie di combustione 1

Alumbrado por bujías *ó* combustibles líquidos

Brenndauer (f)
burning period, duration of lighting
durée (f) d'éclairage

продолжительность (f) *или* длительность (f) горѣнія
durata (f) dell' illuminazione 2
duración (f) del alumbrado

Lampenbrennstunde (f)
lamp-hour
lampe-heure (f)

лампа (f) -часъ (m)
ora (f) d'illuminazione d'una lampada 3
lampara-hora (f)

Normalkerze (f)
normal (A) *or* standard candle
bougie (f) normale

нормальная свѣча (f)
candela (f) normale 4
bujía (f) normal

Leuchtkegel (m)
luminous cone
cône (m) lumineux

свѣтящійся конусъ (m)
cono (m) luminoso *o* di luce 5
cono (m) luminoso

---

die Laterne anzünden (v)
to light the lamp
allumer (v) la lanterne

зажечь (зажигать) фонарь
accendere (v) il fanale 6
encender (v) el farol

---

die Laterne auslöschen (v)
to extinguish the lamp
éteindre (v) la lanterne

гасить (погасить) фонарь
spegnere (v) il fanale 7
apagar (v) el farol

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1 das Licht dämpfen (v)
to turn down *or* lower *or* subdue the light
modérer (v) la lumière

смягч-ить (-ать) свѣтъ
moderare (v) la luce
moderar (v) la luz

---

2 das Licht abblenden (v)
to screen the light
mettre (v) un écran devant la lumière

заслонить свѣтъ
mettere (v) uno schermo davanti alla lampada
colocar (v) una pantalla delante de la luz

---

3 die Flamme flackert
the flame flickers
la flamme vacille

пламя (n) мигаетъ *или* колеблется
la fiamma vacilla
la llama oscila

---

4 die Flamme rußt
the flame smokes
la flamme est fuligineuse

пламя (n) коптитъ *или* даетъ копоть
la fiamma fa la fuliggine *o* si mette a nero-fumo
la llama da humo

---

5 Beleuchtungskalender (m), Beleuchtungsplan (m), Brennkalender (m)
lighting up calendar, table of hours of lighting up
tableau (m) des heures d'allumage

расписаніе (n) времени освѣщенія; табель (f) освѣщенія
orario (m) d'illuminazione
horario (m) de alumbrado

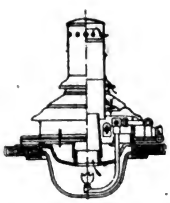
---

6 Deckenbeleuchtung (f)
lighting from the ceiling *or* roof
éclairage (m) de plafond

потолочное освѣщеніе (n)
illuminazione (f) dal soffitto
alumbrado (m) de techo

---

7 Deckenlampe (f), Kuppellampe (f)
sun burner, roof *or* deck *or* ceiling lamp
lampe (f) de plafond



потолочный фонарь (m)
lampada (f) da soffitto
lámpara (f) de techo

---

8 Zwischenwandlampe (f)
lamp in partition
lampe (f) dans la cloison

простѣночный фонарь (m)
lampada (f) per parete divisoria
lámpara (f) en el tabique

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Wandlampe (f)
wall *or* bracket lamp
lampe (f) d'applique

стѣнной фонарь (m)
lampada (f) da parete
lámpara (f) de pared

1

Beleuchtungsart (f)
method of lighting
mode (m) d'éclairage

родъ (m) освѣщенія
modo (m) *o* sistema (m) d'illuminazione
sistema (m) del alumbrado

2

Beleuchtungsmittel (n)
means of lighting
moyen (m) d'éclairage

средство (n) освѣщенія: освѣтительные матеріалы (m pl)
mezzo (m) d'illuminazione
medio (m) de alumbrado

3

Kerzenbeleuchtung (f)
lighting with candles
éclairage (m) par bougies

свѣчное освѣщеніе (n); освѣщеніе свѣчами
illuminazione (f) a candele
alumbrado (m) por bujías *ó* velas

4

Kerzenlaterne (f)
candle lamp
lanterne (f) à bougie

свѣчной фонарь (f)
fanale (m) a candela
linterna (f) *ó* farol (m) de bujía

5

Kerzenhalter (m) mit nachstellender Feder
candle holder *or* bracket with feed spring
chandelier (m) à bougie à réglage automatique

подставка (f) для свѣчи съ регулирующей пружиной
candeliere (m) con molla a regolazione automatica
velero (m) de bujía con regulación automática

6

Nachstellfeder (f)
adjusting *or* feed spring
ressort (m) régulateur

a

регулирующая *или* подающая пружина (f)
molla (f) regolatrice
resorte (m) regulador

7

Ölbeleuchtung
Oil Lighting
Éclairage à l'huile

Освѣщеніе маслонъ
Illuminazione ad olio
Alumbrado de aceite

8

Entzündungswärme (f), Entflammungspunkt (m)
flash point, ignition temperature
température (f) d'ignition, point (m) d'inflammation

температура (f) вспышки
temperatura (f) d'accensione *o* di combustione
temperatura (f) de inflamación

9

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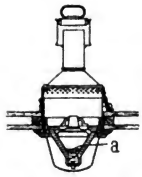
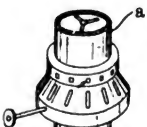
	Rüböl (n) rape oil, colza oil, rape seed oil (A) huile (f) de colza		сурѣпное масло (n) olio (m) di colza aceite (m) de colza
1			
	Öllampe (f) oil lamp lampe (f) à huile		масляная лампа (f) lampada (f) ad olio lámpara (f) de aceite
2			
	Ölbehälter (m), Ölei nsatz (m) oil reservoir *or* vessel réservoir (m) d'huile		сосудъ (m) *или* резервуаръ (m) для масла serbatoio (m) d'olio depósito (m) de aceite
3			
	Kranzlampe (f) crown lamp lampe (f) à galerie		лампа (f) съ галлереей lampada (f) a corona lámpara (f) con galería
4			
	Brennerkapsel (f) burner tip capsule (f) de brûleur	a	коробка (f) горѣлки capsula (f) del becco cápsula (f) del mechero
5			
	Füllschraube (f) filling screw, screw plug for replenishing bouchon (m) de remplissage [à vis]		винтъ (m) *или* пробка (f) для наполненія tappo (m) di riempimento [a vite] tapón (m) roscado de relleno
6		a	
	Brenner (m) burner brûleur (m), bec (m)		горѣлка (f) becco (m), beccuccio (m) mechero (m)
7			
	Flachbrenner (m) flat flame burner bec (m) plat		плоская горѣлка (f); разрѣзная горѣлка becco (m) piatto mechero (m) plano
8			
	Flachdocht (m) flat wick mèche (f) plate	a	плоская свѣтильня (f); плоскій фитиль (m) lucignolo (m) piatto mecha (f) plana
9			
	Rundbrenner (m), Argand-Brenner (m) round *or* central draught *or* circular burner, Argand burner bec (m) rond, bec (m) Argand		круглая горѣлка (f); горѣлка Арганда becco (m) circolare, becco (m) Argand mechero (m) redondo o de Argand
10			
	Runddocht (m) hollow *or* circular wick mèche (f) ronde	a	круглый фитиль (m) lucignolo (m) circolare mecha (f) redonda
11			

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Freibrenner (m), offener Brenner (m)
open *or* naked *or* exposed burner
bec (m) ouvert

открытая горѣлка (f); горѣлка безъ стекла
becco (m) aperto
mechero (m) abierto

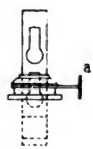
1

Glaszylinder (m)
chimney glass
cheminée (f) en verre

ламповое стекло (n); стеклянный цилиндръ (m)
tubo (m) di vetro
tubo (m) de cristal

2

Dochtwinde (f), Dochttrieb (m)
wick-screw, wick raiser *or* feed
engrenage (m) de mèche



шестерёнка (f) для регулированія фитиля; подъёмная шестерёнка
porta-lucignolo (m) ad asta dentata
porta-mechas (m) de engranaje

3

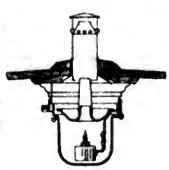
Dochttriebscheibe (f)
gripping *or* wick adjusting disc
bouton (m) *ou* rondelle (f) de relevage de la mèche

a

головка (f), ручное колёсико (n)
rotella (f) per regolare il lucignolo
ruedacilla (f) para regular la altura de la mecha

4

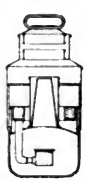
Lampe (f) mit tiefliegendem Ölbehälter
lamp with oil reservoir below burner
lampe (f) à réservoir d'huile en dessous du bec



лампа (f) съ нижнимъ резервуаромъ для масла
lampada (f) con serbatoio d'olio in fondo
lámpara (f) con depósito de aceite inferior

5

Lampe (f) mit hochliegendem Ölbehälter
lamp with oil reservoir above burner
lampe (f) à réservoir d'huile au dessus du bec



лампа (f) съ верхнимъ резервуаромъ для масла
lampada (f) con serbatoio d'olio in alto
lámpara (f) con depósito de aceite superior

6

Mineralöl (n)
mineral oil
huile (f) minérale

минеральное масло (n)
olio (m) minerale
aceite (m) mineral

7

Petroleum (n)
paraffin, rock *or* coal (A) oil, petroleum
pétrole (m)

керосинъ (m)
petrolio (m)
petróleo (m)

8

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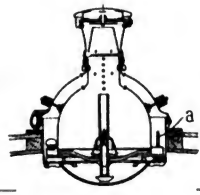

1 Petroleumlampe (f) paraffin *or* coal oil (A) *or* petroleum lamp lampe (f) à pétrole

керосиновая лампа (f) lampada (f) a petrolio lámpara (f) de petróleo

2 Sicherheitsröhrchen (n) safety *or* vent tube tubulure (f) de sûreté

a

предохранительная трубочка (f) tubetto (m) di sicurezza tubo (m) de seguridad

3 **Gasbeleuchtung** / **Gas-lighting** / **Éclairage au gaz**

Газовое освѣщеніе / **Illuminazione a gas** / **Alumbrado de gas**

4 Gasvorrat (m) reserve of gas réserve (f) de gaz

запасъ (m) газа riserva (f) di gas reserva (f) de gas

5 stündlicher Gasverbrauch (m) consumption of gas per hour consommation (f) *ou* dépense (f) de gaz par heure

расходъ (m) газа въ часъ consumo (m) orario di gas consumo (m) de gas por hora

6 Fettgas (n), Ölgas (n) oil gas gaz (m) d'huile

масляный газъ (m) gas (m) d'olio gas (m) de aceite

7 Ölgaserzeugung (f) generation *or* production *or* manufacture of oil-gas production (f) de gaz d'huile

производство (n) *или* добываніе (n) маслянаго газа produzione (f) di gas d'olio producción (f) de gas de aceite

8 Fettgasanstalt (f), Ölgasanstalt (f) oil gas plant *or* producer usine (f) à gaz d'huile

заводъ (m) маслянаго газа officina (f) del gas d'olio fábrica (f) de gas de aceite

9 Vergasung (f) des Öles vaporisation of oil gazéification (f) de l'huile

перегонка (f) масла въ газъ gassificazione (f) dell'olio gasificación (f) del aceite

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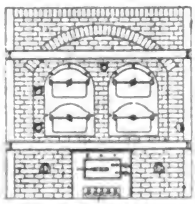


Retortenofen (m)
retort furnace
four (m) à cornues

ретортная печь (f)
forno (m) per storte
horno (m) de retortas
1

Retorte (f)
retort
cornue (f)

реторта (f)
storta (f)
retorta (f)
2

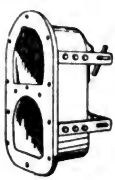
Oberretorte (f)
upper retort
cornue (f) supérieure

верхняя реторта (f)
storta (f) superiore
retorta (f) superior
3

Unterretorte (f)
lower retort
cornue (f) inférieure

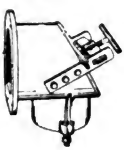
нижняя реторта (f)
storta (f) inferiore
retorta (f) inferior
4

Vorderkopf (m)
front head
tête (f) [de cornue] d'avant



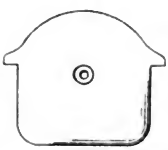
передняя головка (f)
testa (f) anteriore
cabeza (f) anterior
5

Hinterkopf (m)
rear head
tête (f) [de cornue] d'arrière



задняя головка (f)
testa (f) posteriore
cabeza (f) posterior
6

Retortendeckel (m)
retort cover
porte (f) *ou* tampon (m) de cornue



крышка (f) реторты
coperchio (m) della storta
puerta (f) ó tapa (f) de la retorta
7

Blecheinlage (f)
sheet metal tray *or* pan (A)
garniture (f) intérieure en tôle, chargeur (m)

противень (m)
guarnizione (f) interna di lamiera
guarnición (f) interior de chapa
8

Prüfhahn (m)
test-cock
robinet (m) d'essai

пробный кранъ (m)
robinetto (m) di prova
grifo (m) de prueba
9

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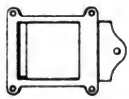


1 Rauchschieber (m)
smoke-slide *or* damper
registre (m) à gaz

дымовая заслонка (f)
registro (m) per gas
registro (m) de humos

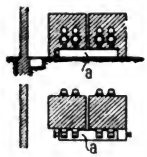
Ölzuflußhahn (m) mit Feinstellschraube
oil supply cock with adjustment screw
2 robinet (m) d'introduction de l'huile à vis de réglage de précision *ou* à vis micrométrique

кранъ (m) для впуска масла съ винтомъ для точной регулировки
robinetto (m) d'introduzione dell'olio a vite regolabile
grifo (m) de entrada del aceite con tornillo de precisión

---

3 Teer (m)
tar
goudron (m)

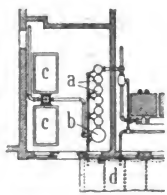
смола (f); деготь (m); гудронъ (m)
catrame (m)
alquitrán (m)



4 Teervorlage (f), Teerkasten (m)
tar tank
caisse (f) de séparation du goudron

гидравликъ (m)
barilletto (m)
depósito (m) para la separación del alquitrán

a



5 Gaskühler (m)
gas cooler *or* condenser
condenseur (m), réfrigérant (m) à gaz

газовый холодильникъ (m) *или* конденсаторъ (m)
refrigeratore (m) *o* condensatore (m) del gas
refrigerador (m) de gas, condensador (m)

a

---

6 Gaswäscher (m), Tellerwäscher (m)
gas washer *or* scrubber
laveur (m) à gaz, scrubber (m)

b

приборъ (m) для промывки газа; промыватель (m) газа
lavatore (m) del gas
lavador (m) para gas, scrubber (m)

---

7 Gasreiniger (m)
gas purifier
épurateur (m) à gaz

c

газоочиститель (m); очиститель (m) газа
depuratore (m) del gas
depurador (m) para gas

---

8 Teergrube (f)
tar-pit
fosse (f) à goudron

d

яма (f) для смолы; смоляная яма
fossa (f) per catrame
foso (m) para alquitrán

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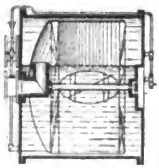
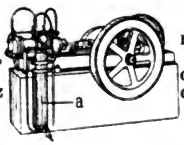
Gasuhr (f), Gasmesser (m), Gaszähler (m)
gas-meter
compteur (m) à gaz



газомѣръ (m); газометръ (m); газомѣритель (m); газовый счётчикъ (m) 1
contatore (m) del gas
contador (m) de gas

Gaspreßpumpe (f)
gas-compressing pump, gas compressor
compresseur (m) à gaz



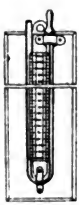
газовый компрессоръ (m) 2
compressore (m) a gas
compresor (m) de gas

Kühlzylinder (m)
cooling cylinder
cylindre (m) refroidisseur

a

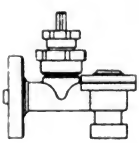
охладительный цилиндръ (m) 3
cilindro (m) refrigerante
cilindro (m) refrigerador

Schwachdruckmesser (m), Laugemanometer (n)
syphon gauge, low pressure manometer *or* gauge
indicateur (m) *ou* manomètre (m) pour faibles pressions



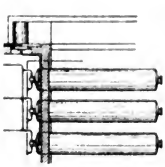
манометръ (m) для низкихъ давленій 4
manometro (m) per basse pressioni
manómetro (m) de baja presión

Rückschlagventil (n)
non-return valve, check valve
soupape (f) de retenue



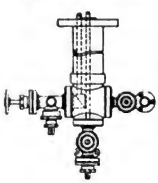
возвратный клапанъ (m); обратный вентиль (m) 5
valvola (f) di ritenuta
válvula (f) de retención

Gassammelkessel (m), Gassammelzylinder (m)
gas storage *or* collecting cylinder
réservoir (m) à gaz



газособиратель (m); коллекторный *или* сборный цилиндръ (m) *или* котёлъ (m) для газа 6
cilindro (m) collettore del gas
cilindro (m) ó depósito (m) para gas

Sammelkopf (m)
collecting head, upper chamber
raccord (m) du réservoir (à la tuyauterie)



коллекторная *или* сборная головка (f) 7
testa (f) del collettore
cámara (f) de unión [del depósito á la cañería]

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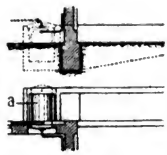
flüssiger Kohlenwasserstoff (m)
1 liquid hydrocarbon
hydrocarbure (m) liquide

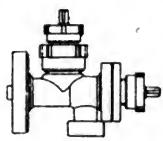
жидкій углеводородъ (m)
idrocarbure (m) liquido
hidrocarburo (m) liquido



Kohlenwasserstoffsammler (m), Kohlenwasserstoffänger (m)
2 hydrocarbon collector
réservoir (m) d'hydrocarbures

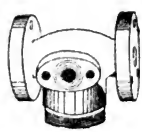
коллекторъ (m) *или* собиратель (m) углеводорода
collettore (m) d'idrocarburi
depósito (m) de hidrocarburos

a



Kohlenwasserstoffablaßventil (n), Entleerungsventil (n)
3 outlet valve for hydrocarbon
soupape (f) de vidange des hydrocarbures

клапанъ (m) *или* вентиль (m) для спуска углеводорода
valvola (f) di scarico degli idrocarburi
válvula (f) de evacuación de los hidrocarburos

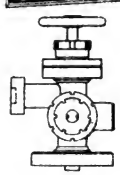


Verteilungskopf (m)
distribution head, high
4 pressure cross-piece
raccord (m) à plusieurs voies

распредѣлительная головка (f)
testa (f) di distribuzione
acoplamiento (m) distribuidor

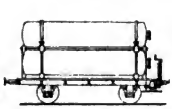
Erdkasten (m)
trap box, manhole *or* entry box to subterranean main, yard
5 line box (A)
bac (m) à placer en terre

бакъ (m), помѣщаемый на землѣ
cassa (f) *o* cassetto (m) posto a terra
caja (f) empotrada en la tierra



Erdleitungsventil (n), Ausgangventil (n)
ground filling valve,
6 yard line valve (A)
soupape (f) de la conduite souterraine, soupape (f) de sortie

клапанъ (m) *или* вентиль (m) подземной сѣти; выходной клапанъ
valvola (f) per la condottura sotterranea *o* di scarico
válvula (f) de tubería subterránea, válvula (f) de salida



Gas[beförderungs]wagen (m)
7 gas reservoir wagon *or* car (A)
wagon (m) réservoir à gaz

платформа (f) для перевозки газа
carro-serbatoio (m) per gas
vagón-cuba (m) para gas

Füllstation (f)
filling station
8 station (f) de chargement

станція (f) наполненія; наполнительная станція
stazione (f) d'alimentazione *o* di rifornimento del gas
estación (f) de carga

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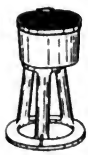
Gasfüllständer (m)
gas stand-pipe, post valve
borne (f) de prise de gaz

наполнительный стоякъ (m); стоякъ (m) для наполненія газомъ
colonnino (m) per la presa del gas
columna (f) para la toma de gas

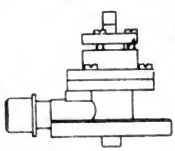
1



Fülltopf (m), versenkter Gasfüllständer (m)
tripod with trap box
borne (f) à réservoir enterrée

наполнительный стоякъ (m), устанавливаемый въ землѣ
recipiente (m) di riempimento
columna (f) con depósito hundida

2



Füllständerventil (n)
valve of stand-pipe
robinet (m) de borne de remplissage

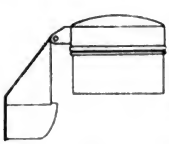
клапанъ (m) наполнительнаго стояка
valvola (f) del colonnino di presa
robinete (m) de toma de gas

3

austauschbarer Füllstutzen (m)
detachable filling nozzle
tubulure (f) de remplissage amovible

смѣнный патрубокъ (m) наполнительнаго штуцера
tubolatura (f) di alimentazione *o* di riempimento ricambiabile
tubulura (f) de carga móvil

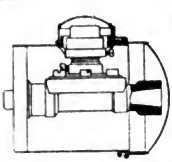
4



Schutzkappe (f)
protecting cap
couvercle (m) protecteur

предохранительный колпакъ (m)
cuffia (f) protettrice
tapa (f) protectora

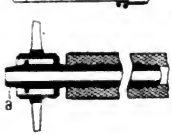
5



Füllventil (n)
filling valve
soupape (f) de remplissage

наполнительный клапанъ (m); клапанъ (m) для наполненія
valvola (f) d'alimentazione *o* di riempimento
válvula (f) de carga

6



Füllschlauch (m)
filling hose
boyau (m) de remplissage

гибкій наполнительный рукавъ (m)
tubo (m) flessibile di alimentazione *o* di riempimento
tubo (m) flexible de carga

7

Dichtungskegel (m)
union cone *or* spigot *or* nipple
joint (m) conique

уплотняющій конусъ (m)
cono (m) otturatore
cono (m) obturador

8

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1 Füllschlauchverschraubung (f)
filling hose coupling *or* connection
raccord (m) de boyau de remplissage

винтовое соединеніе (n) *или* свёртка (f) наполнительнаго рукава
attacco (m) [a vite] del tubo di alimentazione *o* di riempimento
unión (f) *ó* racor (m) de tornillo del tubo de carga

---

2 Schlauchtülle (f), Schlauchnippel (m)
hose nipple
raccord (m) de boyau

наконечникъ (m) для наполнительнаго рукава
raccordo (m) del tubo flessibile
pieza (f) de unión del tubo

---

3 Überwurfmutter (f)
union screw-cap *or* sleeve nut
écrou (m) à poignées

сгонная *или* свёртная *или* накидная гайка (f); намётка (f)
dado (m) a cappello
tuerca (f) de empuñaduras

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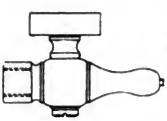
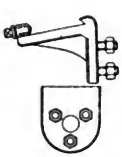
4 Schlauchhahn (m)
hose cock
robinet (m) de boyau



кранъ (m) для рукава
robinetto (m) del tubo flessibile
grifo (m) del tubo flexible

---

5 Füllventilknagge (f)
filling valve bracket
support (m) à saillie de la soupape de remplissage



кронштейнъ (m) для укрѣпленія наполнительнаго клапана [у вагона]
attacco (m) della valvola di alimentazione *o* di riempimento
soporte (m) de resalto de la válvula de carga

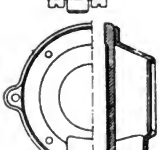
---

6 Gasdruckmesser (m)
manometer, gas pressure gauge
manomètre (m) à gaz

газовый манометръ (m)
manometro (m) da gas
manómetro (m) de gas

---

7 Manometerschutzkappe (f)
gauge box, protecting cap for manometer
couvercle (m) protecteur de manomètre



предохранительный колпакъ (m) манометра
custodia (f) del manometro
tapa (f) protectora de manómetro

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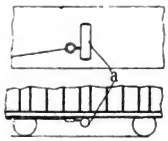
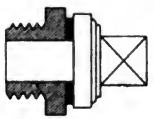
Gasbehälter (m), Gasrezipient (m)
gas holder *or* tank *or* reservoir
réservoir (m) à gaz



a

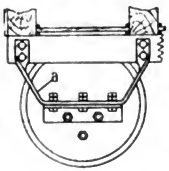
газовый реципіентъ (m); газовый пріёмникъ (m) 1
serbatoio (m) da gas
depósito (m) de gas

Kohlenwasserstoffablaßschraube (f)
screw plug of hydrocarbon outlet valve
vis (f) de vidange des hydrocarbures



винтъ (m) для выпуска углеводородовъ
vite (f) per lo scarico degli idrocarburi 2
tornillo (m) de vaciado de los hidrocarburos

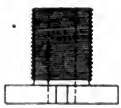
Behältertragbügel (m)
reservoir suspension hanger *or* strap
étrier (m) de suspension du réservoir



a

скоба (f) для подвѣски реципіента *или* пріёмника
staffa (f) di sospensione del serbatoio 3
estribo (m) de suspensión del depósito

Auslaßstutzen (m)
outlet
tubulure (f) de sortie



выпускъ (m)
tubolo (m) di scarico 4
tubuladura (f) de salida

Gasbehälterventil (n)
stud valve, valve of gasholder
soupape (f) de réservoir a gaz

клапанъ (m) газоваго реципіента *или* пріёмника
valvola (f) del serbatoio 5
válvula (f) del depósito de gas

Gasleitungsrohr (n)
gas supply pipe
tuyau (m) de conduite à gaz

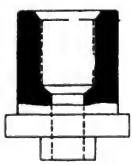
газопроводная труба (f)
tubo (m) di condotta del gas 6
tubo (m) de tubería de gas

---

gasdicht (adj)
gas-tight (adj)
étanche (adj) au gaz

газонепроницаемый; не пропускающій газа
a tenuta di gas 7
impérmeable (adj) al gas

Anschlußstück (n)
union, junction-piece
pièce (f) de raccordement



соединительный патрубокъ (m)
pezzo (m) di raccordo 8
pieza (f) de unión, racor (m)

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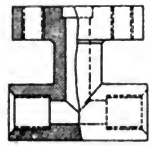
T-Stück (n)
1 flanged T-piece *or* union
pièce (f) en T, té (m)

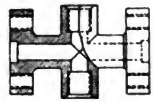


тройникъ (m); T-образная часть (f)
raccordo (m) a T
pieza (f) en T, T (f)

L-Stück(n), Kniestück(n)
2 L-union, elbow
pièce (f) en L, coude (m)

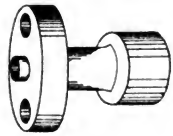
отводъ (m); L-образная часть (f); колѣно (n) съ фланцемъ
raccordo (m) ad L *od* a gomito
pieza (f) en L, L (f), codo (m)

Kreuzstück (n)
3 four way *or* cross union
pièce (f) en croix, croix (f)



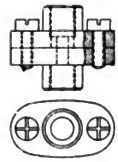
крестовина (f)
raccordo (m) a croce
pieza (f) en cruz

Anschlußflansch (m)
4 flange union *or* coupling
bride (f) de raccordement



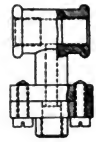
соединительный фланецъ (m)
flangia (f) di raccordo
brida (f) de unión

Flanschenpaar (n), [Flanschett (n)]
5 flange joints *or* coupling *or* tee (A)
raccord (m) à brides, paire (f) de brides



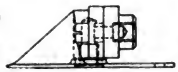
пара (f) фланцевъ: фланцевое соединеніе (n)
coppia (m) di flangie
par (m) de bridas, unión (f) de bridas

T-Flanschenpaar (n)
6 T-piece with flanged branch
té (m) à brides



крестовина (f) съ фланцами; тройникъ (m) съ фланцевымъ соединеніемъ
raccordo (m) a T con flangie
unión (f) de bridas en T

Winkelflanschenpaar (n)
7 flanged elbow
raccord (m) à brides en équerre



угольникъ (m) съ однимъ фланцевымъ соединеніемъ
raccordo (m) ad angolo con flangie
unión (f) de bridas en escuadra

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Bleidichtungsscheibe (f)
lead washer *or* gasket
anneau (m) de joint en plomb

уплотняющая шайба (f) изъ свинца; свинцовая прокладка (f)
disco (m) di guarnizione in piombo
arandela (f) de guarnición de plomo

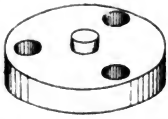
1

Gummischeibe (f)
rubber washer *or* gasket
rondelle (f) en caoutchouc

резиновая шайба (f); резиновая прокладка (f)
disco (m) di gomma
arandela (f) de caucho

2

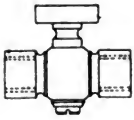
Blindflansch (m)
blind *or* blank flange
fausse bride (f), bride (f) pleine, bride (f) obturatrice



глухой фланецъ (m)
flangia (f) cieca *o* di chiusura
brida (f) ciega

3

Durchganghahn (m)
line cock, cock with throughpassage
robinet (m) droit *ou* de passage



проходной *или* прямой кранъ (m)
robinetto (m) di passaggio
grifo (m) recto *ó* de paso

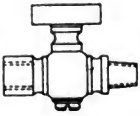
4

Durchgangventil (n)
pipe line valve, valve with through-passage
soupape (f) droite *ou* de passage

проходной клапанъ (m); прямой вентиль (m)
valvola (f) di passaggio
válvula (f) recta *ó* de paso

5

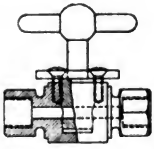
Spitzhahn (m)
needle valve, conical stop-valve *or* tap
robinet (m) à cône



острый кранъ (m)
robinetto (m) appuntito
grifo (m) cónico

6

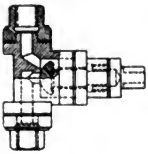
Gasabsperrhahn (m)
gas stop-cock
robinet (m) d'arrêt de gaz



газовый запорный кранъ (m)
robinetto (m) d'arresto del gas
grifo (m) de cierre para gas

7

Gasabsperrventil (n)
gas check-valve
soupape (f) de gaz d'arrêt



газовый запорный клапанъ (m) *или* вентиль (m)
valvola (f) d'arresto del gas
válvula (f) de cierre para gas

8

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1 Prüfstutzen (m)
test-nozzle
tubulure (f) d'épreuve

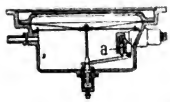
пробный штуцеръ (m)
tubolatura (f) di prova
tubuladura (f) de prueba

2 Hochdruckleitung (f)
high-pressure supply pipe *or* main
conduite (f) forcée, canalisation (f) à haute pression

a

трубопроводъ (m) высокаго давленія
condòtta (f) forzata, condotta (f) ad alta pressione
tubería (f) de alta presión

3 Gasdruckregler (m)
gas pressure regulator
régulateur (m) de pression de gaz



регуляторъ (m) давленія газа
regolatore (m) di pressione del gas
regulador (m) de la presión del gas

4 Reglerventil (n)
regulator valve
soupape (f) de régulateur

a

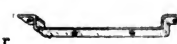
клапанъ (m) регулятора; регулирующій вентиль (m)
valvola (f) del regolatore
válvula (f) del regulador

5 Reglerplatte (f)
regulator board, regulator plate
plaque (f) de fixation de régulateur

a

доска (f) регулятора
piastra (f) del regolatore
placa (f) de fijación del regulador

6 Reglerbügel (m)
regulator strap
étrier (m) de régulateur

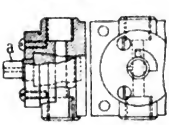


хомутъ (m) регулятора
staffa (f) del regolatore
estribo (m) del regulador

7 Niederdruckleitung (f)
low pressure piping *or* conduit
conduite (f) à basse pression

трубопроводъ (m) низкаго давленія
condotta (f) a bassa pressione
tubería (f) de baja presión

8 Haupthahn (m)
main cock
robinet (m) principal *ou* commandeur



главный кранъ (m)
robinetto (m) principale
grifo (m) principal

9 Haupthahndorn (m)
plug of main cock
boisseau (m) du robinet principal *ou* commandeur

a

ключевой шипъ (m)
maschio (m) del robinetto principale
macho (m) del grifo principal

10 Haupthahnschlüssel (m)
key of main cock
clé (f) du robinet principal

ключъ (m) главнаго крана
chiave (f) del robinetto principale
llave (f) del grifo principal

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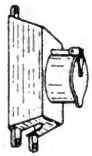
Haupthahnschutzkappe (f)
main cock cover, casing of main cock
boîte (f) du robinet principal



предохранительная коробка (f) главнаго крана
bossolo (m) *o* scatola (f) del robinetto principale
caja (f) del grifo principal

1

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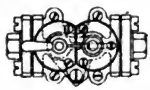
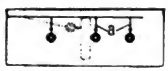
vereinigter Haupt- und Kleinstellhahn (m)
main cock with bye-pass
robinet (m) principal et de basse flamme combinés



комбинированные главный кранъ (m) и кранъ для уменьшенія пламени
robinetto (m) principale e moderatore combinati
grifo (m) principal y moderador combinado

2

Zweigleitung (f), Zweigrohr (n)
branch conduit, branch pipe
conduite (f) de branchement, tuyau (m) de branchement

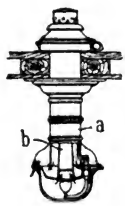


a

отводъ (m)
condotta (f) di diramazione, tubo (m) di diramazione
tubería (f) de derivación

3

Fettgaslampe (f), Fettgaslaterne (f), Olgaslampe (f)
oil gas lamp
lanterne (f) à gaz d'huile



фонарь (m) для маслянаго *или* нефтянаго газа
lampada (f) a gas d'olio, fanale (m) a gas d'olio
lámpara (f) de gas de aceite

4

Laternenmantel (m)
lamp enclosure *or* casing
enveloppe (f) de lanterne

a

чехолъ (m) *или* кожухъ (m) фонаря
inviluppo (m) della lampada
envoltura (f) de la linterna

5

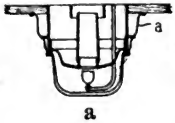
Abzugrohr (n)
chimney
cheminée (f) d'évacuation *ou* de tirage

b

отводная *или* вытяжная труба (f)
tubo (m) d evacuazione *o* di scarico, tubo-camino (m)
tubo (m) de tiro *ó* de vaciado

6

Laternenkorb (m)
deck plate, lamp basin
garniture (f) de lanterne

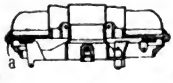


a

коробка (f) фонаря
sede (f) *o* basamento (m) del fanale
cubierta (f) de guarnición del farol

7

Laternengehäuse (n)
roof casting, lamp cage *or* casing *or* body
armature (f) de lanterne



a

остовъ (m) фонаря
corpo (m) del fanale, gabbia (f) del fanale
armazón (f) de la lámpara

8

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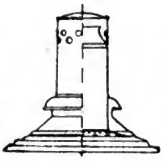
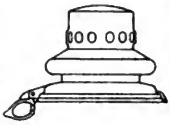


Laternenkappe (f), Lampenhelm (m)
1 lamp jack *or* top *or* hood
chapeau (m) de lanterne

колпакъ (m) фонаря; фонарный колпакъ
cappello (m) del fanale
sombrerete (m) de la lámpara



aufklappbare Laternenkappe (f)
2 hinged top *or* cover
chapeau (m) de lanterne à charnière

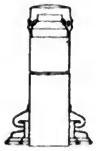
поворотный *или* откидной колпакъ (m) фонаря
cappello (m) del fanale a cerniera
sombrerete (m) de charnela de la lámpara

Kappenscharnier (n)
3 hinge of top *or* cover
charnière (f) de chapeau

шарниръ (m) колпака
cerniera (f) del cappello
charnela (f) del sombrerete

Kappenverschluß (m)
4 catch *or* fastening of top *or* cover
fermeture (f) du chapeau

затворъ (m) колпака
chiusura (f) del cappello
cierre (m) del sombrerete

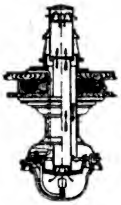


erhöhte Laternenkappe (f)
5 raised lamp cover
chapeau (m) de lanterne surhaussé

удлинённый фонарный колпакъ (m)
cappello (m) del fanale sopraelevato
sombrerete (m) elevado de la lámpara

Kappenunterteil (m), Laternenunterteil (m)
base *or* lower portion of
6 lamp
dessous (f) *ou* couronne (f) inférieure de lanterne

нижняя часть (f) колпака; нижняя часть фонаря
parte (f) inferiore del fanale, base (f) del fanale
corona (f) *ó* parte (f) inferior de la lámpara



Vorwärmung (f) der Brennluft
preliminary heating of
7 air
réchauffage (m) de l'air comburant

подогрѣваніе (n) воздуха, поддерживающаго горѣніе
riscaldamento (m) [preventivo] dell'aria di combustione
calentamiento (m) del aire de combustión

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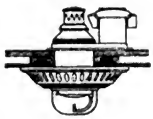
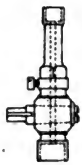
Laterne (f) mit Lüftung
ventilated lamp
lanterne (f) à ventilation



фонарь (m) съ вентиляціей
fanale (m) con ventilazione
linterna (f) con ventilación

1

Laternenhahn (m)
lamp cock
robinet (m) de lanterne



кранъ (m) фонаря
robinetto (m) del fanale
grifo (m) de linterna

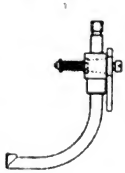
2

Hahn (m) mit Kleinstellung
cock with bye-pass
robinet (m) de basse flamme

кранъ (m) уменьшителя пламени
robinetto (m) con moderatore
grifo (m) con moderador

3

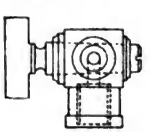
Laternenarm (m), Gasarm (m)
burner *or* gas way tube bracket
branche (f) *ou* applique (f) de lanterne



фонарный рожокъ (m)
bracciale (m) del fanale
brazo (m) de lámpara

4

Laternenarmhahn (m)
burner cock, cock of lamp burner bracket
robinet (m) d'applique de lanterne



кранъ (m) фонарнаго рожка
robinetto (m) al bracciale del fanale
grifo (m) del brazo de lámpara

5

Kleinstellknopf (m)
bye-pass cock
bouton (m) de réglage de basse flamme

кнопка (f) для установки на уменьшённое пламя
bottone (m) del moderatore, mezza-luce (f)
botón (m) del moderador

6

Ölgasbrenner (m)
oil gas burner
brûleur (m) à gaz d'huile

го́рѣлка (f) для маслянаго *или* для нефтянаго газа
becco (m) a gas d'olio
mechero (m) para gas de aceite

7

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1
Speckstein (m)
steatite, lard- *or* soap-stone
stéatite (f)

жировикъ (m); талькъ (m); мыловка (f)
steatite (f)
esteatita (f)

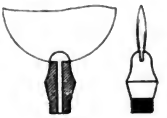
2
Einlochbrenner (m)
rat-tail *or* one-hole burner
bec (m) à un trou

однодырная *или* одноходовая горѣлка (f); рожокъ (m)
becco (m) ad un foro
mechero (m) de un solo agujero

3
Zweilochbrenner (m)
fish-tail *or* two-hole burner
bec (m) à deux trous

двухдырная *или* двуходовая горѣлка (f)
becco (m) a due fori
mechero (m) de dos agujeros

4
Schnittbrenner (m)
flat flame *or* slot *or* batswing *or* slit burner
bec (m) à fente

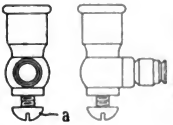


разрѣзная горѣлка (f)
becco (m) a farfalla *od* a ventaglio
mechero (m) de ranura

5
Verstopfung (f) des Brenners
clogging *or* choking of the burner
engorgement (m) du bec

засореніе (n) горѣлки
ingorgamento (m) *o* otturamento (m) del becco
obstrucción (f) del mechero

6
Einbrennerknie (n)
single burner elbow
bec (m) coudé



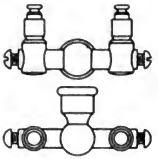
отводъ (m) *или* фасонное колѣно (n) для одной горѣлки
gomito (m) ad un becco
codo (m) de mechero

7
Regulierschraube (f)
throttle *or* check screw, regulating screw
vis (f) régulatrice

a

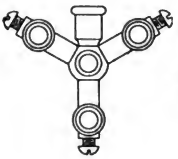
регулирующій винтъ (m)
vite (f) regolatrice
tornillo (m) regulador

8
Zweibrennerknie (n)
two-flame cluster, two-light *or* duplex *or* double burner elbów
bec (m) double, coude (m) à deux becs



отводъ (m) *или* фасонное колѣно (n) для двухъ горѣлокъ
gomito (m) a due becchi
codo (m) de dos mecheros

9
Dreibrennerknie (n)
three flame *or* triple burner elbow
bec (m) triple



тройникъ (m) *или* фасонное колѣно (n) для трёхъ горѣлокъ
becco (m) triplo
codo (m) de tres mecheros

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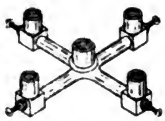
Vierbrennerknie (n)
four-flame cluster, four-light *or* quadruple burner elbow
bec (m) quadruple



крестовина (f) *или* фасонное колѣно (n) для четырёхъ горѣлокъ
becco (m) quadruplo
codo (m) de cuatro mecheros

1

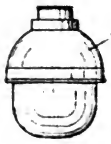
Glasglocke (f)
globe, glass bowl, glass bell, bell-glass
cloche (f) en verre

a

стеклянный колпакъ (m)
campana (f) *o* coppa (f) di vetro, ciotola (f) di vetro
globo (m) de cristal

2

Glaskuppel (f)
glass dome *or* canopy
globe (m) en verre



a

стеклянный куполъ (m)
cupola (f) di vetro
cúpula (f) de cristal

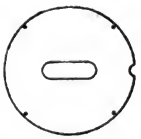
3

Rückstrahlschirm (m), Strahlenspiegel (m), Reflektor (m)
reflector
réflecteur (m)

рефлекторъ (m); отражатель (m)
riflettore (m)
reflector (m)

4

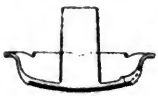
Emailplatte (f)
enamelled plate
plaque (f) émaillée



эмалевая пластина (f)
piastra (f) smaltata
placa (f) esmaltada

5

gewölbter Rückstrahlschirm (m)
curved *or* embowed reflector
réflecteur (m) bombé



выпуклый рефлекторъ (m)
riflettore (m) curvato
reflector (m) combado

6

Federstift (m) mit Feder und Splint
spring bolt with spring and split pin
cheville (f) à ressort et goupille

штифтъ (m) съ пружиной и шплинтомъ
caviglia (f) elastica con molla e chiavetta
clavija (f) con resorte y pasador

7

Verrußen (n) des Strahlenspiegels
sooting *or* blackening of the reflector
[formation (f) d'un] dépôt (m) de suie sur le réflecteur

засореніе (n) рефлектора копотью
deposito (m) di fuliggine sul riflettore
[formación (f) de un] depósito de hollín sobre el reflector

8

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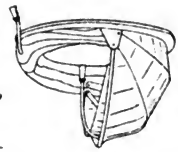
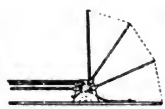
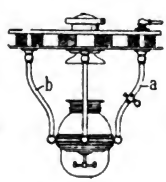
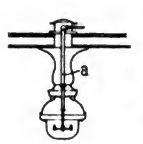
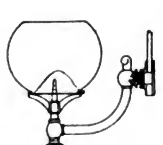
1	Lichtschützer (m), Lichtblende (f) shade store (m) de lanterne, écran (m)		абажуръ (m) cuffia (f) moderatrice pantalla (f)
2	Lichtschützerring (m) shade ring gallery *or* holder cercle (m) d'écran		кольцо (n) абажура anello (m) della cuffia anillo (m) de pantalla
3	Lichtschützergestell (n) shade support *or* frame support (m) d'écran		рама (f) абажура ; каркасъ (m) абажура porta-cuffia (m) armazón (f) de la pantalla
4	vierarmige Hängelampe (f) four arm lamp, four armed suspension lamp lampe (f) suspendue à quatre bras		потолочный фонарь (m) съ четырьмя подвѣсками lampada (f) pendente a quattro braccia lámpara (f) suspendida de cuatro brazos
5	Gasleitungsarm (m) gas-way arm, hollow *or* tubular gas bracket bras (m) tubulaire à gaz	a	газопроводная подвѣска (f) braccio (m) tubolare per gas brazo (m) hueco de gas
6	massiver Arm (m) plain arm, solid bracket bras (m) massif	b	сплошная или массивная подвѣска (f) braccio (m) massiccio brazo (m) macizo
7	Lampe (f) mit mittlerer Gaszuführung centre suspension lamp, lamp with central gas supply lampe (f) à amenée centrale du gaz		фонарь (m) съ центральнымъ подводомъ газа lampada (f) con introduzione centrale di gas lámpara (f) con entrada central de gas
8	Gaszuführungsrohr (n) gas-way tube, gas supply pipe tuyau (m) d'amenée du gaz	a	газоподводная труба (f) tubo (m) adduttore di gas tubo (m) de entrada del gas
9	Wandarmlampe (f) [wall] bracket lamp lampe (f) d'applique		настѣнная лампа (f); стѣнная лампа lampada (f) da parete lámpara (f) de brazo de pared

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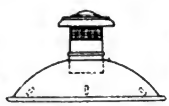
fester Wandarm (m)
fixed wall bracket
applique (f) fixe

неподвижный стѣнникъ (m) *или* бракетъ (m) 1
bracciale (m) fisso
brazo (m) de pared fijo

drehbarer Wandarm (m)
wall bracket with lateral movement
applique (f) articulée *ou* tournante

поворотный стѣнникъ (m); подвижный бракетъ (m); бракетъ на шарнирахъ 2
bracciale (m) girevole
brazo (m) de pared giratorio

Brennerschirm (m), Lampenschirm (m)
burner-shade
abat-jour(m) de lanterne

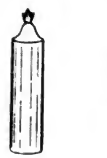


абажуръ (m) горѣлки
paralume (m) 3
pantalla (f) de mechero

Schirmträger (m)
shade-holder *or* carrier
support (m) d'abat-jour

абажуродержатель (m)
porta-paralume (m) 4
porta-pantalla (m)

Gaskerze (f)
gas candle
bougie (f) à gaz

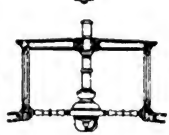


газовая свѣча (f) *или* свѣчка (f)
candela (f) a gas 5
bujía (f) de gas

Kerzenarm (m)
candle-bracket
support (m) de bougie, bougeoir (m), candélabre-applique (m) à gaz

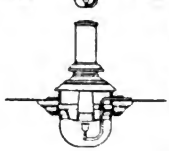
свѣчной бракетъ (m) *или* стѣнникъ (m)
bracciale (m) a candela
candelabro (m) ó candelero (m) de pared para gas 6

Oberlichtlaterne (f)
clerestory lamp
lanterne (f) placée dans le lanterneau



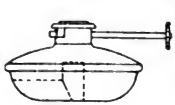
потолочный фонарь (m) для верхняго свѣта
fanale (m) con luce dall'alto 7
linterna (f) de alumbrado desde arriba

Führerstandlaterne (f)
cab lamp
lanterne (f) du poste du conducteur, lanterne (f) de vigie



фонарь (m) въ будкѣ машиниста
fanale (m) del posto del macchinista 8
farol (m) del puesto del conductor

Notöllampe (f)
emergency oil-lamp
lanterne (f) de secours à huile



запасная масляная лампа (f)
fanale (m) di soccorso ad olio 9
linterna (f) ó farol (m) de aceite de socorro

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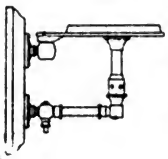

1 Wandgaskocher (m)
gas cooker attached to wall
réchaud (m) à gaz en applique

стѣнная газовая грѣлка (f)
fornello (m) a gas da parete
calentador (m) de gas para pared

---

2 Steinkohlengasbeleuchtung (f)
lighting by means of coal gas
éclairage (m) au gaz de houille

освѣщеніе (n) каменноугольнымъ газомъ
illuminazione (f) a gas di carbon fossile
alumbrado (m) por gas de hulla

---

3 Karburierung (f) des Steinkohlengases
carburetting *or* carburation of coal gas
carburation (f) du gaz de houille

карбурація (f) каменноугольнаго газа
carburazione (f) del gas di carbon fossile
carburación (f) del gas de hulla

---

4 karburiertes Steinkohlengas (n)
carburetted coal gas
gaz (m) de houille carburé

карбурированный каменноугольный газъ (m)
gas (m) di carbon fossile carburato
gas (m) de hulla carburado

---

5 Karburierungstopf (m)
carburettor, carburetting vessel
récipient (m) *ou* vase (m) de carburation, carburateur (m)

карбураціонный пріёмникъ (m)
recipiente (m) di carburazione
recipiente (m) ó vaso (m) de carburación, carburador (m)

---

6 gelochte Blechscheibe (f), [Diaphragma (n)]
diaphragm *or* screen of perforated sheet metal
diaphragme (m) [perforé]

продырявленный *или* перфорированный желѣзный листъ (m); [діафрагма (f)]
diaframma (m) perforato
diafragma (m) perforado

---

7 Karburierungsflüssigkeit (f)
carburetting liquid
carburant (m)

карбуратъ (m); карбурирующая *или* карбураціонная жидкость (f)
liquido-carburatore (m)
liquido (m) carburante

---

8 Benzin (n)
benzene
essence (f) minérale, benzine (f)

бензинъ (m)
benzina (f)
bencina (f)

---

9 Naphthalin (n)
naphthaline
naphtaline (f)

нафталинъ (m)
naftalina (f)
naftalina (f)

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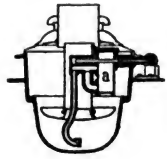
Naphthalingefäß (n)
naphthaline reservoir *or* holder
vase (f) à naphtaline



a

сосудъ (m) для нафталина
vaso (m) per la naftalina
depósito (m) de naftalina

1

Mischgas (n)
mixed gas
gaz (m) mixte

смѣшанный газъ (m); масляный газъ съ ацетиленомъ
gas (m) misto
gas (m) mixto

2

Azetylengas (n)
acetylene gas
acétylène (m), gaz (m) acétylène

$C_2 H_2$

ацетиленовый газъ (m)
gas (m) acetilene
acetileno (m)

3

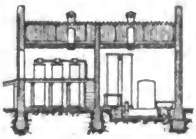
Calcium-Carbid (n)
calcium carbide
carbure (m) de calcium

$Ca C_2$

карбидъ (m) кальція; углеродистый кальцій
carburo (m) di calcio
carburo (m) de calcio

4

Azetylengasanstalt (f)
acetylene gas generating plant
usine (f) à acétylène



ацетиленовый заводъ (m)
officina (f) per gas acetilene
fábrica (f) de acetileno

5

Anreicherung (f) des Ölgases mit Azetylen
enrichment of oil gas with acetylene
enrichissement (m) du gaz à l'huile par l'acétylène

обогащеніе (n) маслянаго газа ацетиленомъ
arricchire (m) il gas d'olio con l'acetilene
enriquecimiento (m) del gas de aceite con acetileno

6

Mischungsverhältnis (n)
proportions of mixture
dosage (m) [du mélange]

отношеніе (n) *или* пропорція (f) смѣси
rapporto (m) del miscuglio
proporciones (f pl) de mezcla

7

Mischuhr (f)
gauge to determine proportions of mixture
doseur (m)

смѣсительные часы (m pl); газомѣритель (m)
dosatore (m) della miscela, bomba (f) d'acetilene liquido
graduador (m), mezclador (m)

8

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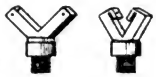
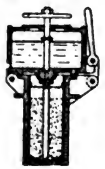
1 Azetylenbrenner (m)
acetylene burner
brûleur (m) à acétylène



ацетиленовая горѣлка (f)
becco (m) per acetilene
mechero (m) para acetileno

2 Azetylengaserzeuger (m)
acetylene gas generator
générateur (m) d'acétylène, gazogène (m) à acétylène



газопроизводитель (m) для ацетилена; генераторъ (m) ацетилена
gasogeno (m) d'acetilene
gasógeno (m) de acetileno

3 Karbidgefäss (n), Karbidbombe (f)
carbide cartridge
récipient (m) de carbure

карбидная бомба (f)
cartuccia (f) di carburo
cartucho (m) de carburo

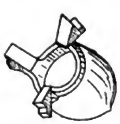
4 Gasspeicherkessel (m), Gassammelkessel (m)
gas storage tank
réservoir (m) de gaz

газовый реципіентъ (m) *или* пріёмникъ (m); газосборатель (m)
serbatoio (m) di gas
recipiente (m) ó depósito (m) de gas

5 Gasglühlicht (n)
incandescent gas light
lumière (f) à incandescence par le gaz

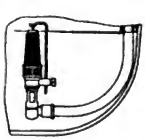
газокалильный свѣтъ (m)
luce (f) a gas incandescente
luz (f) de gas incandescente

6 Glühkörper (m), Glühstrumpf (m)
incandescent mantle
manchon (m) à incandescence



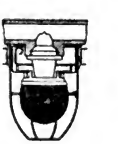
газокалильная сѣтка (f); калильный колпачокъ (m) *или* чулокъ (m)
reticella (f) ad incandescenza
manguito (m) incandescente, camisa (f) incandescente

7 stehender Glühkörper (m)
vertical *or* upright incandescent mantle
manchon (m) à incandescence droit



вертикальный калильный колпачокъ (m); вертикальная газокалильная сѣтка (f)
reticella (f) ad incandescenza superiore
manguito (m) vertical incandescente

8 hängender Glühkörper (m)
suspended *or* inverted incandescent mantle
manchon (m) à incandescence renversé



калильная сѣтка (f) горѣлки для опрокинутаго внизъ пламени
reticella (f) ad incandescenza inferiore
manguito (m) incandescente invertido

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Abfallen (n) des Glühkörpers
breaking away of the incandescent mantle
chute (f) du manchon

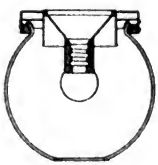
отпаданіе (n) калильной сѣтки
caduta (f) *o* rottura (f) della reticella *1*
caída (f) del manguito incandescente

Schutzkorb (m)
protecting cage
corbeille (f) protectrice

предохранительный каркасъ (m) *или* остовъ (m)
cestello (m) di protezione *2*
cesta (f) de pfotección

Haltering (m)
mantle carrier *or* supporting ring
bague (f) de maintien

кольцо (n) для укрѣпленія
anello (m) di sostegno *3*
anillo (m) de sostenimiento



Glühlichtbirne (f)
gas bulb, gas-light globe *or* bell
ampoule (f) à gaz

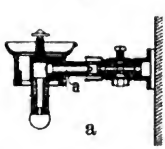
груша (f) для газокалильной горѣлки
ampolla (f) *o* campana (f) per gas *4*
bombilla (f) ó globe (m) para gas

Brennrohrmundstück (n)
mouth of the burner
embouchure (f) du tube brûleur, tamis (m) du brûleur

наконечникъ (m) смѣсительной трубки горѣлки
imboccatura (f) del tubo del becco *5*
embocadura (f) del tubo del mechero

Brennerdüse (f)
burner nozzle *or* nipple
tubulure (f) de brûleur

сопло (n) горѣлки
ugello (m) del becco *6*
tobera (f) del mechero



Mischrohr (n)
mixing tube
tube (m) mélangeur

смѣшивающая *или* смѣсительная трубка (f) *7*
tubo (m) mescolatore
tubo (m) de mezcla

Durchschlagen (n) der Flamme
back-firing, back lighting, back flashing
retour (m) de flamme

проскакиваніе (n) пламени
ritorno (m) della fiamma *8*
retroceso (m) de la llama

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Gasdüse (f), Zuleitungsdüse (f)
1 gas tip, gas nozzle *or* nipple
tuyère (f) *ou* tubulure (f) à gaz

газовое сопло (n); газоподводящее сопло
ugello (m) per gas, ugello (m) adduttore
tobera (f) [de entrada] para gas

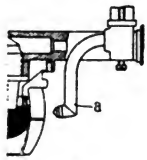
abklappbares Mischrohr (n)
2 collapsible *or* hinged mixing tube
tube (m) mélangeur articulé

откидная смѣшивающая *или* смѣсительная труба (f)
tubo (m) della miscela a cerniera
tubo (m) de mezcla de charnela

Düsenbock (m)
3 jet nozzle supporting *or* carrier hinge
support (m) de la tuyère

шарниръ (m) сопла
cerniera (f) dell'ugello
soporte (m) de la tobera

Zündbrenner (m)
4 bye-pass *or* pilot jet
brûleur (m) d'allumage, veilleuse (f)



зажигатель (m)
becco (m) d'accensione
mechero (m) de encendido

Zündflamme (f)
5 bye-pass *or* pilot flame *or* light
flamme (f) d'allumage *ou* de veilleuse

зажигательное пламя (n)
fiamma (f) d'accensione
llama (f) de encendido

Hauptleitung (f)
6 main gas pipe
conduite (f) principale

главный трубопроводъ (m)
condotta (f) principale
tubería (f) principal

Zündleitung (f)
7 bye-pass *or* pilot light pipe
conduite (f) d'allumage

зажигательный трубопроводъ (m); трубопроводъ къ зажигателямъ
condotta (f) d'accensione
tubería (f) de encendido

abklappbarer Rückstrahlspiegel (m)
8 hinged reflector
réflecteur (m) à charnière

откидной рефлекторъ (m)
riflettore (m) a cerniera
reflector (m) de charnela

abnehmbarer Rückstrahlspiegel (m)
9 removable *or* detachable reflector
réflecteur (m) démontable

съёмный *или* отъёмный рефлекторъ (m)
riflettore (m) smovibile
reflector (m) móvil

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Elektrische Zugbeleuchtung

Electric Lighting of Trains

Éclairage électrique des trains

Электрическое освѣщеніе поѣздовъ

Illuminazione elettrica dei treni *1*

Alumbrado eléctrico de los trenes

durchgehende Zugbeleuchtung (f)
continuous lighting of train
éclairage (m) continu du train

сквозное освѣщеніе (n) поѣздовъ
illuminazione (f) continua dei treni *2*
alumbrado (m) continuo de los trenes

Speiseleitung (f)
feed *or* supply wire, leading in wire
conducteur (m) d'alimentation, canalisation (f) d'alimentation

питательный проводъ (m)
conduttura (f) d'alimentazione *3*
conductor (m) de alimentación, alimentador (m)

Leitungswiderstand (m)
circuit resistance
résistance (f) du conducteur, résistance (f) de la canalisation

сопротивленіе (n) провода
resistenza (f) della conduttura *4*
resistencia (f) del conductor

---

gemischte Beleuchtung (f)
mixed lighting
éclairage (m) mixte

смѣшанное освѣщеніе (n)
illuminazione (f) mista *5*
alumbrado (m) mixto

---

elektrische Zusatzbeleuchtung (f)
auxiliary electric lighting
éclairage (m) électrique auxiliaire

электрическое добавочное освѣщеніе (n)
illuminazione (f) elettrica ausiliare *6*
alumbrado (m) auxiliar eléctrico

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reine Akkumulatorenbeleuchtung (f)
lighting entirely by accumulators
éclairage (m) par accumulateurs

чисто аккумуляторное освѣщеніе (n); освѣщеніе исключительно аккумуляторами
illuminazione (f) ad accumulatori *7*
alumbrado (m) por acumuladores

Sammlerbatterie (f), Akkumulatorbatterie (f)
storage battery, battery of accumulators
batterie (f) d'accumulateurs

аккумуляторная батарея (f)
batteria (f) d'accumulatori *8*
batería (f) de acumuladores

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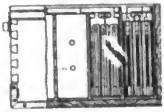


1 Bleiakkumulator (m)
lead accumulator
accumulateur (m) au plomb

свинцовый аккумуляторъ (m)
accumulatore (m) in piombo
acumulador (m) de plomo

2 Aluminiumzelle (f)
aluminium cell *or* accumulator
accumulateur (m) à l'aluminium

алюминіевый аккумуляторъ (m)
celletta-accumulatrice (f) d'aluminio
acumulador (m) de aluminio

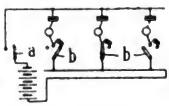
3 Kapazität (f) des Akkumulators
capacity of accumulator
capacité (f) de l'accumulateur

ёмкость (f) аккумулятора
capacità (f) dell' accumulatore
capacidad (f) del acumulador

4 Entladedauer (f)
duration *or* period of discharge
durée (f) de décharge

продолжительность (f) разрядки *или* разряда
durata (f) della scarica
duración (f) de la descarga

5 elektrische Einzelwagenbeleuchtung (f)
electric lighting of individual cars
éclairage (m) électrique autonome des voitures



повагонное электрическое освѣщеніе (n) съ независимой установкой
illuminazione (f) elettrica singola delle vetture
alumbrado (m) eléctrico individual de los coches

6 Wageninstallation (f)
coach *or* car installation
installation (f) de voiture *ou* de wagon

освѣтительное устройство (n) вагона; оборудованіе (n) электрическимъ освѣщеніемъ
impianto (m) di vettura
instalación (f) de vagón

7 Hauptausschalter (m)
main switch
interrupteur (m) principal

a

главный выключатель (m)
interruttore (m) principale
interruptor (m) principal

8 Nebenausschalter (m), Nebenschalter (m)
secondary *or* auxiliary switch
interrupteur (m) secondaire

b

второстепенный выключатель (m)
interruttore (m) secondario
interruptor (m) secundario

9 Glühlampenschaltung (f)
connections of incandescent lamps
couplage (m) *ou* groupement (m) des lampes à incandescence

система (f) соединенія лампочекъ накаливанія; [предлагаютъ:] соключеніе (n) калильныхъ лампъ
montaggio (m) delle lampadine ad incandescenza
conexión (f) *o* agrupamiento (m) de las lámparas incandescentes

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Ausschaltung (f) der Lampe
switching off of the lamp
mise (f) hors circuit de la lampe, extinction (f) de la lampe

выключеніе (n) лампы
disinserimento (m) *o* spegnere (m) della lampadina
desconexión (f) *ó* apagado (m) de la lámpara

1

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festliegende Speicherbatterie (f)
fixed accumulator battery
batterie (f) d'accumulateurs fixe *ou* à poste fixe

неподвижная аккумуляторная батарея (f)
batteria (f) d'accumulatori fissa
batería (f) de acumuladores fija

2

Nachladung (f) der Batterien
recharging of the batteries
rechargement (m) des batteries

подзарядка (f) *или* дополнительная зарядка (f) батарей
ricaricamento (m) delle batterie
recarga (f) de las baterías

3

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auswechselbare Speicherbatterie (f)
interchangeable accumulator *or* storage battery
batterie (f) d'accumulateurs échangeable

смѣнная аккумуляторная батарея (f)
batteria (f) d'accumulatori ricambiabile
batería (f) de acumuladores recambiable

4

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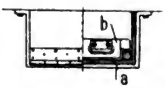
doppelter Batteriesatz (m)
duplicate *or* double set of batteries
jeu (m) double de batteries

двойной комплектъ (m) батарей
assortimento (m) doppio di batterie
juego (m) doble de baterías

5

Akkumulatorkasten (m), Akkumulatorbehälter (m)
accumulator box *or* casing
caisse (f) pour accumulateur



a

подвагонный аккумуляторный ящикъ (m) *или* сосудъ (m)
cassa (f) di contegno d'accumulatori
vaso (m) del acumulador

6

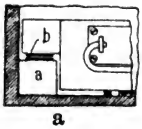
Akkumulatorlade (f), Elementkasten (m)
accumulator drawer
caisse (f) d'accumulateurs à glissières

b

вдвижной аккумуляторный ящикъ (m)
cassetta (m) d'accumulatori
cajón (m) corredizo del acumulador

7

Einschubleiste (f)
supporting ledge of drawer
glissière (f)



a

направляющая планка (f)
listello (m) di scorrimento
corredera (f)

8

Kontaktfeder (f)
contact spring *or* strip
ressort (m) de contact

b

контактная пружина (f)
molla (f) di contatto
muelle (m) de contacto

9

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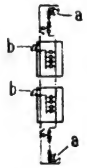
1	Ladestöpsel (m) charging plug bouchon (m) de remplissage		зарядный штепсель (m) innesto (m) per la carica tapón (m) de carga
2	Einbringen (n) der Batterie installation *or* insertion of the battery mise (f) en place de la batterie dans la voiture		погрузка (f) батареи messa (f) a posto della batteria [nella vettura] colocación (f) de la bateria en su lugar
3	Ausbringen (n) der Batterie removal of the battery enlèvement (m) de la batterie de la voiture		выгрузка (f) батареи presa (f) della batteria [dalla vettura] quitar (v) la bateria [del vagón]
4	Zweibatterienanordnung (f) mit Parallelschaltung arrangement of two batteries in parallel disposition (f) à deux batteries couplées en parallèle		двухбатарейная система (f) съ параллельнымъ включеніемъ disposizione (f) a due batterie accoppiate in parallelo combinación (f) de dos baterias acopladas en paralelo
5	Zellenschalter (m) cell-switch réducteur-adjoncteur (m)	a	элементный коммутаторъ (m) *или* переводитель (m) inseritore (m) di elementi reductor-conjuntor (m), conjuntor (m) disyunctor
6	Wagenausschalter (m) coach *or* car-switch interrupteur (m) pour voiture, interrupteur (m) pour voiture de chemin de fer	b	вагонный выключатель (m) interruttore (m) da vettura interruptor (m) de coche
7	Zweibatterienanordnung (f) mit getrennten Stromkreisen independent arrangement of two batteries disposition (f) à deux batteries avec circuits séparés		двухбатарейная система (f) съ отдѣльными цѣпями disposizione (f) a due batterie con circuiti separati disposición (f) de dos baterias con circuitos separados
8	Oberflächenakkumulator (m) accumulator with plates of large surface accumulateur (m) à grande surface		аккумуляторъ (m) съ большой поверхностью accumulatore (m) a grande superficie acumulador (m) de gran superficie

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Lebensdauer (f) der Speicherbatterien
life of storage battery *or* accumulator
durée (f) des batteries d'accumulateurs

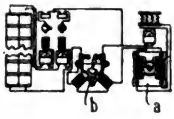
продолжительность (f) службы или долговѣчность (f) аккумуляторовъ
durata (f) delle batterie d'accumulatori *1*
duración (f) de las baterías

Überwurfkabel (n)
joining cable
câble (m) de raccordement

перекидной выключающій (соединительный) кабель (m)
cavo (m) di raccordo *2*
cable (m) de conexión

Schnellaufladeakkumulator (m)
quick charging accumulator
accumulateur (m) à chargement rapide

быстро заряжающійся аккумуляторъ (m)
accumulatore (m) a caricamento rapido *3*
acumulador (m) de carga rápida



Ladestation (f)
charging station
station (f) *ou* poste (m) de charge[ment]

зарядная станція (f); станція для зарядки
stazione (m) di caricamento *4*
estación (f) de carga

Lademaschine (f)
charging dynamo
machine (f) de charge

a

зарядная машина (f); машина для зарядки
macchina (f) per la carica *5*
máquina (f) de carga

Ladetisch (m)
charging table
table (f) de charge

зарядный столъ (m)
banco (m) per la carica *6*
mesa (f) de carga

Ladestrom (m)
charging current
courant (m) de charge

зарядный токъ (m)
corrente (f) di carica *7*
corriente (f) de carga

---

selbstthätiger Ausschalter (m)
automatic cut-out
interrupteur (m) automatique, disjoncteur (m) automatique

b

самодѣйствующій или автоматическій выключатель (m)
interruttore (m) automatico *8*
interruptor (m) automático

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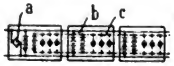
gemischter Betrieb (m) mit Lichtmaschinen und Akkumulatoren
mixed working with dynamo and accumulators
service (m) mixte avec dynamo et accumulateurs



смѣшанное освѣщеніе (n) динамомашинами и аккумуляторами
funzionamento (m) misto con dinamo ed accumulatori *9*
funcionamiento (m) mixto con generadores y acumuladores

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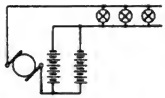
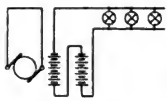
1	Lichtmaschine (f) lighting dynamo dynamo (f) d'éclairage	a	динамомашина (f) для освѣщенія; свѣтовая *или* освѣтительная машина (f) dinamo (f) per luce dinamo (f) para alumbrado
2	Hauptleitung (f) main conductor conducteur (m) principal	b	главный проводъ (m) conduttura (f) principale conductor (m) principal
3	Lampenstromkreis (m) lamp-circuit circuit (m) des lampes	c	ламповая цѣпь (f) circuito (m) delle lampadine circuito (m) de las lámparas
4	Einschaltung (f) der Maschine connecting-up the dynamo mise (f) en circuit de la dynamo		включеніе (n) машины inserimento (m) della dinamo puesta (f) en circuito de la dinamo
5	Abschaltung (f) der Maschine cutting *or* switching the dynamo out of circuit mise (f) hors circuit de la dynamo		отключеніе (n) машины disinserimento (m) della dinamo puesta (f) fuera circuito de la dinamo
6	Steigen (n) des Stromes, Anwachsen (n) des Stromes increasing of the current renforcement (m) du courant, accroissement (m) du courant		возрастаніе (n) *или* усиленіе (n) тока aumento (m) dell'intensità di corrente incremento (m) de la corriente
7	Sinken (n) des Stromes drop of the current affaiblissement (m) du courant, diminution (f) du courant		уменьшеніе (n) *или* паденіе (n) тока diminuzione (f) dell'intensità di corrente disminución (f) de la corriente
8	Entladung (f) der Batterie in die Maschine discharge of the battery through the dynamo décharge (f) de la batterie dans la dynamo		разрядка (f) *или* разрядъ (m) батареи на машину scarica (f) della batteria nella dinamo descarga (f) de la batería en la dinamo
9	Umkehrung (f) der Drehrichtung reversal of the direction of rotation inversion (f) du sens de rotation		измѣненіе (n) направленія вращенія inversione (f) del senso di rotazione inversión (f) del sentido de rotación

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Aufrechterhaltung (f) gleicher Stromrichtung bei Bewegungsumkehr
maintaining of the direction of current when the direction of rotation is reversed
maintien (m) du sens du courant en cas d'inversion du mouvement

сохраненіе (n) направленія тока при измѣненіи направленія движенія
mantenimento (m) del senso della corrente in caso d'inversione di movimento *1*
conservación (f) del sentido de la corriente en caso de inversión del movimiento

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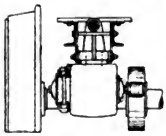
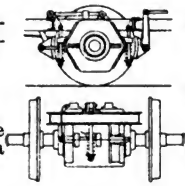
Wagenachsenantrieb(m) der Lichtmaschine
driving of the dynamo from the car axle
commande (f) de la dynamo d'éclairage par l'essieu de la voiture



приведеніе (n) въ дѣйствіе свѣтовой машины отъ оси вагона
comando (m) della dinamo per luce dall'asse della vettura *2*
impulsión (f) de la dinamo de alumbrado por el eje del coche

---

mit der Wagenachse gekuppelte Dynamomaschine (f)
axle-driven dynamo, dynamo coupled to the car axle
dynamo (f) accouplée avec l'essieu de la voiture



динамомашина (f), непосредственно сцѣплённая *или* соединённая съ вагонной осью
dinamo (m) accoppiata con l'asse della vettura *3*
dinamo (f) acoplada con el eje del coche

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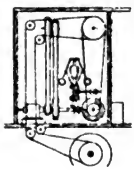
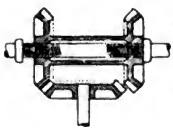
mechanische Regulierung (f) der Umdrehungszahl
mechanical speed-regulation
régulation (f) mécanique du nombre de tours



механическое регулированіе (n); механическая регулировка (f) числа оборотовъ
regolazione (f) meccanica del numero dei giri *4*
regulación (f) mecánica del número de vueltas

Wechselgetriebe (n)
reversing gear
mécanisme (m) d'inversion



реверсивный механизмъ (m)
meccanismo (m) d'inversione *5*
mecanismo (m) de inversión

Momentausschalter (m)
quick *or* rapid-break switch
interrupteur (m) à rupture brusque, interrupteur (m) rapide *ou* instantané

мгновенный выключатель (m)
interruttore (m) a scatto
interruptor (m) instantáneo *ó* de ruptura brusca *6*

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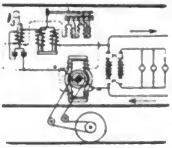
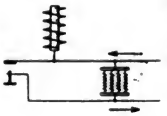
1 elektrische Stromregelung (f) | electrical regulation of the current | réglage (m) électrique du courant



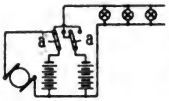
электрическое регулированіе (n); электрическая регулировка (f) тока | regolazione (f) elettrica della corrente | regulación (f) eléctrica de la corriente

2 Widerstandregler (m) | rheostatic *or* resistance regulator | résistance (f) régulatrice



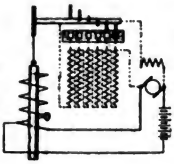
регуляторъ (m) съ сопротивленіемъ *или* съ реостатомъ | regolatore (m) a resistenze | regulador (m) de resistencias

3 Umschalter (m) | change-over *or* throw-over switch, commutator | commutateur (m) [inverseur]



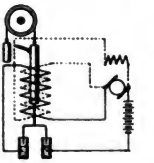
переключатель (m) | commutatore (m) | conmutador (m)

4 selbsttätiger Stromregler (m) | automatic current regulator | régulateur (m) automatique du courant



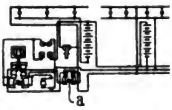
автоматическій *или* самодѣйствующій регуляторъ (m) тока | regolatore (m) automatico di corrente | regulador (m) automático de la corriente

5 elektrischer Ausschalter (m) | electrically worked *or* actuated switch | interrupteur (m) électrique



электрическій выключатель (m) | interruttore (m) elettrico | interruptor (m) eléctrico

6 Stromregelung (f) mit Hilfsdynamo | current-regulation by means of an auxiliary dynamo | réglage (m) du courant par une dynamo auxiliaire



регулированіе (n) *или* регулировка (f) тока посредствомъ вспомогательной динамомашины | regolazione (f) della corrente a mezzo d'una dinamo ausiliare | regulación (f) de la corriente con dinamo auxiliar

7 Reglerdynamo (f), Hilfsdynamo (f) | regulating dynamo, auxiliary dynamo | dynamo (f) régulatrice, dynamo (f) auxiliaire

регулирующая динамомашина (f); вспомогательная динамо (f) | dinamo (f) regolatrice, dinamo (f) ausiliare | dinamo (f) reguladora *ó* auxiliar

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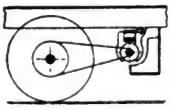
Stromregelung (f) durch Riemengleiten
regulation of current by the slipping of the belt
réglage (m) du courant par patinage de la courroie



регулированіе (n) *или* регулировка (f) посредствомъ скользящаго ремня
regolazione (f) della corrente con lo slittamento della cigna
regulación (f) de la corriente utilisando el resbalamiento de la correa

1

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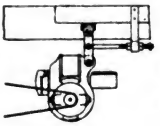
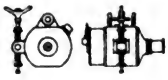
exzentrische Aufhängung (f) der Dynamomaschine
eccentric suspension of the dynamo
suspension (f) excentrique de la dynamo



эксцентричная подвѣска (f) *или* эксцентрическое подвѣшеніе(n)динамомашины
sospensione (f) eccentrica della dinamo
suspensión (f) excéntrica de la dinamo

2

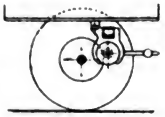
Lichtmaschine (f) für unveränderte Spannung, Rosenbergdynamo (f)
lighting dynamo for constant voltage (Rosenberg's)
dynamo (m) de Rosenberg à tension constante



свѣтовая динамо (f) Розенберга постояннаго напряженія
dinamo (m) Rosenberg per tensione invariata *o* constante
dinamo (m) de Rosenberg de tensión constante

3

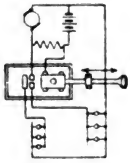
Reibungsscheibenantrieb (m)
friction-disc drive
commande (f) par plateaux de friction



приводъ (m) фрикціонными дисками; фрикціонный дисковый приводъ
comando (m) a mezzo di disco a frizione
impulsión (f) por disco de fricción

4

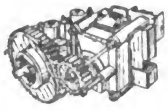
Handumschalter (m)
hand-operated change over switch *or* commutator
commutateur (m) à main



ручной переключатель (m)
commutatore (m) a mano
conmutador (m) de mano

5

Zahnradantrieb (m) der Lichtmaschine
driving the lighting dynamo by toothed gear
commande (f) de la dynamo d'éclairage par engrenage



зубчатый приводъ (m) свѣтовой машины
comando (m) ad ingranaggio della dinamo per luce
impulsión (f) por engranaje de la dinamo de alumbrado

6

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Stromregelung (f) durch entgegenarbeitenden Reihenschlußmotor
current regulation by
1 means of an opposing series-motor
réglage (m) du courant par moteur série connecté en opposition

регулированіе (n) *или* регулировка (f) тока посредствомъ противоработающаго двигателя съ послѣдовательнымъ возбужденіемъ
regolazione (f) della corrente con motore in serie [ad azione] antagonista
regulación (f) de la corriente con motor en serie acoplado en oposición

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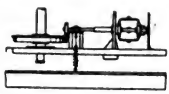
Radreifenantrieb (m) der Lichtmaschine
driving the lighting dynamo from the
2 tyres
commande (f) de la dynamo d'éclairage par le bandage de la roue



приводъ (m) *или* свѣтовой гонъ (m) машины отъ бандажа колеса
comando (m) della dinamo per luce a mezzo del cerchione della ruota
impulsión (f) de la dinamo por medio del bandaje de la rueda

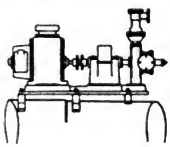
Gepäckwagendynamo (f)
3 guard's van *or* baggage car (A) dynamo
dynamo (f) de fourgon

динамомашина (f) багажнаго вагона
dinamo (f) del bagagliaio
dinamo (m) de furgón

Dampfmaschinenantrieb (m) der Lichtmaschine
driving the dynamo by
4 a steam engine
commande (f) de la dynamo d'éclairage par machine à vapeur

приведеніе (n) въ дѣйствіе свѣтовой машины паровымъ двигателемъ
comando (m) della dinamo per luce a mezzo della macchina a vapore
impulsión (f) de la dinamo de alumbrado por máquina de vapor

Dampfturbinendynamo (f), Turbodynamo (f)
5 steam turbo-generator
turbodynamo (f) [à vapeur]



паротурбодинамо (f)
turbo-dinamo (f) a vapore
turbodinamo (f) [de vapor]

Antrieb (m) der Lichtmaschine mit Lokomotivdampf
driving the dynamo by steam from the locomotive
6 alimentation (f) du groupe électrogène d'éclairage au moyen de la vapeur de la locomotive

приведеніе (n) въ дѣйствіе свѣтовой машины паромъ паровоза
comando (m) della dinamo per luce a mezzo del vapore della locomotiva
alimentación (f) de la máquina de alumbrado con vapor de la locomotora

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Antrieb (m) der Lichtmaschine mit besonderer Dampferzeugung
driving the dynamo by steam specially generated
alimentation (f) de la dynamo d'éclairage par générateur de vapeur spécial

приведеніе (n) въ дѣйствіе свѣтовой машины паромъ отъ отдѣльнаго котла
comando (m) della dinamo per luce a mezzo d'una caldaia separata
alimentación (f) de la máquina de alumbrado por medio de una caldera separada

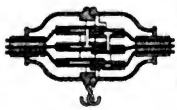
1

Einzelteile der elektrischen Zugbeleuchtung
Accessories of the electric Train Lighting Equipment
Accessoires de l'éclairage électrique des trains

Части электрическаго освѣщенія поѣздовъ
Parti accessorie dell'illuminazione elettrica dei treni
Accesorios para el alumbrado eléctrico de los trenes

2

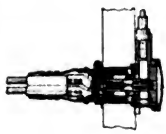
Dreileitungskupplung(f)
three-wire coupling
jonction (f) à trois conducteurs



трёхпроводное соединеніе (n)
accoppiamento (m) a tre fili
acoplamiento (m) de tres conductores

3

Anschlußdose (f)
junction-box
boite (f) de jonction



соединительная муфта (f) междувагоннаго соединенія
scatola (f) di raccordo
caja (f) de contacto, enchufe (m)

4

Kupplungschalter (m)
coupling switch, wire connector (A)
interrupteur (m) de jonction

соединительный включатель (m) междувагонной муфты
inseritore (m) di raccordo
interruptor (m) de acoplamiento

5

Kupplungskabel (n)
coupling cable
câble (m) de jonction

соединительный кабель (m)
cavo (m) di raccordo
cable (m) de acoplamiento

6

a

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Schutzhülle (f)
1 protective casing
enveloppe (f) protectrice

предохранительная или защитная оболочка (f)
inviluppo (m) di protezione
envoltura (f) protectora

Leerkupplung (f)
2 dummy coupling
faux accouplement (m)

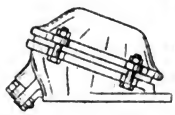
холостое соединение (n)
falso (m) attacco
acoplamiento (m) falso ó ciego

[Kabel-]Anschlußkasten (m)
3 cable junction-box
boîte (f) de jonction du câble

коробка (f) для присоединения кабеля
scatola (f) di raccordo del cavo
caja (f) de unión del cable

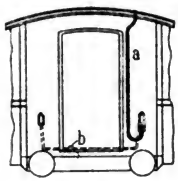
Gummiunterlage (f)
4 rubber foundation plate
plaque (f) d'assise en caoutchouc

резиновая подкладка (f)
strato (m) di gomma sottoposto
placa (f) de asiento de caucho



Lokomotivanschlußkasten (m)
5 locomotive junction-box
boîte (f) de jonction de la locomotive

присоединительная коробка (f) у паровоза
scatola (f) di raccordo della locomotiva
caja (f) de unión de la locomotora



Hauptkabel (n)
6 main cable
câble (m) principal

главный кабель (m)
cavo (m) principale
cable (m) principal

a

b

Verbindungskabel (n)
7 connecting cable
câble (m) de jonction

соединительный кабель (m)
cavo (m) d'unione
cable (m) de conexión

Gummiaderdraht (m)
8 rubber-covered *or* insulated wire
fil (m) isolé au caoutchouc

проводъ (m) съ вулканизованной резиной
filo (m) isolato con gomma
alambre (m) aislado con caucho

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Gummiaderschnur (f)
rubber-covered *or* insulated cord
cordon (m) conducteur isolé au caoutchouc

шнуръ (m) съ вулканизованной резиной
cordone (m) isolato con gomma
cordón (m) flexible aislado con goma

1

---

eisenbandbewehrtes Kabel (n)
cable armoured with an iron band
câble (m) armé de fer

кабель (m), бронированный желѣзной лентой
cavo (m) armato con nastro di ferro
cable (m) armado de cinta de hierro

2

Kabelendverschluß (m)
cable terminal *or* end coupling
boîte (f) *ou* manchon (m) d'extrémité de câble

кабельная концевая муфта (f)
scatola (f) *o* manicotto (m) di testa del cavo
manguito (m) terminal para cables

3

Kabelverbindungsmuffe (f)
cable coupling socket *or* sleeve
manchon (m) de jonction pour câbles

кабельная соединительная муфта (f)
manicotto (m) di raccordo per cavi
manguito (m) de unión para cables

4

---

eisenverbleites Isolierrohr (n)
lead covered conduit, iron insulating tube with lead covering
tube (m) isolant en fer plombé

освинцованная желѣзная изолирующая *или* изоляціонная трубка (f)
tubo (m) isolante con strato di piombo
tubo (m) aislador armado de hierro recubierto de una capa de plomo

5

Stahlpanzerrohr (n)
steel armoured tube *or* pipe
tube (m) à armature d'acier

трубка (f) со стальной броней
tubo (m) armato con acciaio
tubo (m) armado de acero

6

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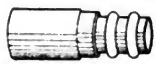
zusammengesetzte Muffe (f)
combination sleeve
manchon (m) combiné



комбинированная муфта (f)
manicotto (m) combinato
manguito (m) combinado

7

---

auf Rollen verlegte Glühlichtschnur (f)
incandescent lamp cord on pulley insulators
cordon (m) de lampe à incandescence monté sur poulies *ou* roulettes (en porcelaine)

шнуръ (m) для лампочекъ накаливанія, проложенный на роликахъ
cordone (m) per lampadine ad incandescenza montato su carrucole
cordón (m) para lámparas incandescentes montado sobre poleas

8

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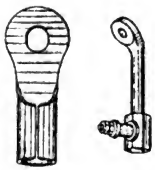
1 Kabelschuh (m)
cable lug *or* terminal *or* shoe
cosse (f) *ou* œillèt (m) de raccord *ou* patin (m) de câble



кабельный наконечникъ (m) *или* башмакъ (m)
testa (f) del cavo
zapata (f) *ó* terminal (m) para cables

---

2 Kabelverbindungsbolzen (m)
cable connecting bolt
boulon (m) de jonction de câbles

болтъ (m) для соединенія кабелей
bullone (m) di raccordo dei cavi
tornillo (m) de unión para cables

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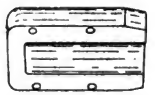
3 Kabelschutzdeckel (m)
protecting cover for cable
couvercle (m) protecteur de câble



предохранительная крышка (f) для кабелей
coperchio (m) di protezione dei cavi
cubierta (f) de protección para cables

---

4 Kabelverbindungskasten (m)
cable junction box *or* splice-box
boite (f) de jonction de câbles

соединительный кабельный ящикъ (m)
scatola (f) di raccordo per cavi
caja (f) de unión para cables

---

5 Kabelrinne (f)
cable channel *or* trough
caniveau (m) de câble

a

жёлобъ (m) для кабеля
scanalatura (f) per cavo
canal (f) para cable

---

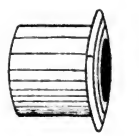
6 Kabelbock (m)
cable supporting trestle
support (m) de caniveau du câble

b

подставка (f) подъ кабельный жёлобъ
cavalletto (m) per cavo
caballete (m) de soporte de la canal para cable

---

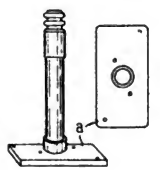
7 Isolierbüchse (f)
insulating sleeve
manchon (m) isolant, douille (f) isolante



изолирующая втулка (f)
manicotto (m) isolante
manguito (m) aislante

---

8 Einführungsplatte (f)
leading in plate
plaque (f) d'introduction



a

вводная пластинка (f)
piastra (f) d'introduzione
placa (f) de introducción

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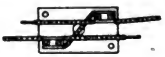
Abzweigungskasten (m)
distributing box
boîte (f) de branchement

ящикъ (m) *или* коробка (f) для отвѣтвленія
scatola (f) di diramazione
caja (f) de derivación

1

Isolierabzweigplatte (f)
insulating distribution plate *or* board
plaque (f) de branchement isolante



изолирующая отвѣтвительная пластинка (f)
piastra (f) isolante di diramazione
placa (f) aislante de derivación

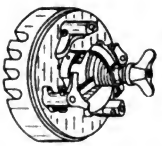
2

Schaltkasten (m)
switch-box
boîte (f) d'interrupteur

распредѣлительная коробка (f); распредѣлительный ящикъ (m)
scatola (f) dell' interruttore
caja (f) de distribución

3

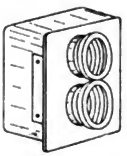
Hauptausschalter (m)
main switch
interrupteur (m) principal



главный выключатель (m)
interruttore (m) principale
interruptor (m) principal

4

doppelpoliges Sicherungselement (n)
two-pole safety fuse
coupe-circuit (m) bipolaire



элементъ (m) двухполюснаго предохранителя
elemento m) di sicurezza bipolare
corta-circuito (m) bipolar

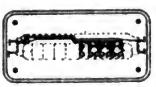
5

Sicherungsstöpsel (m) mit Melder
safety fuse plug with signal
bouchon (m) fusible à avertisseur

предохранительная пробка (f) съ извѣстителемъ *или* съ указателемъ
tappo (m) di sicurezza con avvisatore
tapón (m) fusible con avisador

6

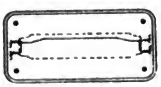
Leitungsplan (m)
scheme *or* plan of wiring, diagram of connections, wiring diagram (A)
schèma (m) de la canalisation *ou* des conducteurs



планъ (m) расположенія проводки
piano (m) delle condutture
plano (m) de la distribución

7

Überbrückungsleitung (f)
bridging conductor
conducteur (m) principal (le long du train)



переводной проводъ (m); междувагонная магистраль (f); обходной проводъ; [прямой проводъ для освѣщенія несмѣжныхъ вагоновъ]
conduttura (f) di passaggio
alambre (m) de paso á lo largo del tren, puénte (m)

8

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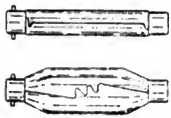
1 Röhrenlampe (f)
tubular lamp
lampe (f) tubulaire

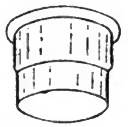


трубчатая лампочка (f) накаливанія *или* калильная лампа (f)
lampadina (f) tubolare
lámpara (f) tubular

2 Birnenlampe (f)
bulb lamp
lampe (f) *ou* ampoule (f) en forme de poire

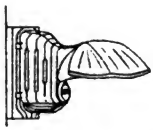
грушевидная лампочка (f) накаливанія *или* калильная лампа (f)
lampadina (f) a pera
lámpara (f) en forma de pera

3 Lampenfassung (f)
lamp mounting
douille (f) de lampe



ламповый патронъ (m)
attacco (m) della lampadina
portalámpara (f), boquilla (f), pié (m)

4 Leselampe (f)
reading lamp
lampe (f) pour la lecture



лампа (f) для чтенія
lampadina (f) di lettura
lámpara (f) de lectura

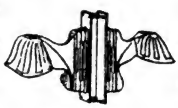
5 Eisendrahtwiderstand (m)
iron wire resistance
résistance (f) en fil de fer

сопротивленіе (n) изъ желѣзной проволоки [Нериста]
resistenza (f) del filo di ferro
resistencia (f) de alambre de hierro

6 Schaltersockel (m)
base-board
socle (m) d'interrupteur

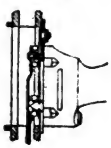
цоколь (n) выключателя
piedestallo (m) dell'interruttore
zócalo (m) de interruptor

7 abnehmbare Leselampe (f)
movable *or* adjustable reading lamp
lampe (f) pour la lecture démontable



съёмная лампа (f) для чтенія
lampadina (f) di lettura asportabile
lámpara (f) de lectura de quita y pon

8 Steckschloß (n)
plug holder *or* socket
support (m) à contact d'introduction



штепсельный затворъ (m) *или* замокъ (m)
serratura (f) ad innesto
cerradura (f) de enchufe

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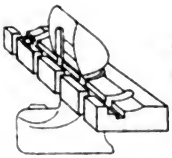
Aufhängebrett (n)
suspension plate
planchette (f) de suspension (des lampes liseuses)



доска (f) для подвѣшиванія
tavoletta (f) di sospensione
tabla (n) de suspensión

1

Tischlampe (f)
table-lamp
lampe (f) de table, lampe (f) portative

настольная *или* столовая лампа (f)
lampada (f) da tavolo
lámpara (f) de mesa, lámpara (f) portátil

2

Stehhängelampe (f)
combination standing or hanging lamp
lampe (f) à pied et à suspension

подвѣсная лампа (f) съ ножкой
lampada (f) a piedestallo ed a sospensione
lámpara (f) combinada de mesa con suspensión

3

Lampenstöpsel (m), Stecker (m)
lamp-plug
bouchon (m) de prise de courant de lampe

ламповый штепсель (m)
tappo *od* innesto (m) di contatto della lampada
tapón (m) de contacto, clavija (f) de contacto

4

Widerstandkasten (m) mit Steckkontakt
resistance-box with plug contact
boîte (f) de résistance avec contact à fiches

реостатъ (m) съ штепсельными контактами [Нернста]
scatola (f) di resistenza con contatto ad innesto
caja (f) de resistencia con interruptor de clavija

5

Widerstandsockel (m)
resistance base
socle (m) de résistance

цоколь (m) сопротивленія
piedestallo (m) con resistenza
zócalo (m) de resistencia

6

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Hakenplatte (f), Hakenschild (n)
1 hook plate
plaque (f) à crochets [de suspension]

подкладка (f) съ крючками
piastrina (f) con uncino
placa (f) con ganchos

Beleuchtungswagen (m)
lighting car
2 voiture (f) d'éclairage, usine (f) ambulante d'éclairage

свѣтовой *или* освѣтительный вагонъ (m); передвижная свѣтовая станція (f)
carro (m) dell'illuminazione
carro (m) de alumbrado

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VI.

Betriebsmittel für elektrische Bahnen

Rolling Stock for Electric Railways

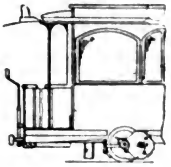
Matériel roulant pour chemins de fer électriques

Эксплоатаціонныя средства электрическихъ желѣзныхъ дорогъ

Materiale mobile per ferrovie elettriche

Material móvil para ferrocarriles eléctricos

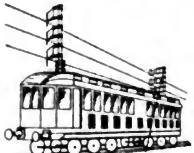
Fahrzeuge	Подвижной составъ	
Vehicles	Veicoli	1
Véhicules	Vehículos	



Motorwagen (m)
motor coach *or* car (A)
automotrice (f)

вагонъ (m)-двигатель (m); моторный вагонъ
carro-motore (m), automotrice (f)
coche (m) automotor

2



Personenmotorwagen (m)
passenger motor coach *or* car (A)
voiture (f) automotrice pour voyageurs

пассажирскій вагонъ (m)-двигатель (m); пассажирскій моторный вагонъ
vettura(f) automotrice per passeggeri
coche (m) automotor para viajeros

3

Gütermotorwagen (m)
goods motor coach, freight motor car (A)
automotrice (f) à marchandises

грузовой вагонъ (m)-двигатель (m); грузовой моторный вагонъ
carro (m) automotrice per merci
furgón (m) automotor

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1
Schnellbahnwagen (m)
express *or* high-speed railway coach *or* car (A)
voiture (f) à grande vitesse

вагонъ (m) для желѣзныхъ дорогъ большой скорости
vettura (f) da treno diretto *od* a grande velocità
coche (m) de gran velocidad

2

Vierwagenzug (m)
four coach *or* car (A) train
train (m) à quatre voitures

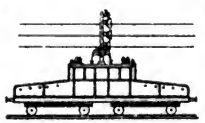
поѣздъ (m) изъ четырёхъ вагоновъ
treno (m) a quattro vetture
tren (m) de cuatro coches

3
Gleichstromlokomotive (f)
continuous *or* direct (A) current locomotive
locomotive (f) électrique à courant continu

электровозъ (m) постояннаго тока
locomotiva (f) a corrente continua
locomotora (f) de corriente continua

4
Wechselstromlokomotive (f)
alternating current locomotive
locomotive (f) à courant alternatif

электровозъ (m) перемѣннаго тока
locomotiva (f) *o* locomotore (m) a corrente alternata
locomotora (f) de corriente alterna

5

Drehstromlokomotive (f)
three phase current locomotive
locomotive (f) à courant triphasé, locomotive (f) triphasée

электровозъ (m) трёхфазнаго тока
locomotiva (f) *o* locomotore (m) elettrico trifase
locomotora (f) [de corriente] trifásica

6
Einphasen[wechsel]-stromlokomotive (f)
single phase current locomotive
locomotive (f) à courant monophasé

электровозъ (m) однофазнаго [перемѣннаго] тока
locomotiva (f) a corrente monofase
locomotora (f) de corriente monofásica

7
elektrische Schnellbahnlokomotive (f)
electric express *or* high-speed locomotive
locomotive (f) électrique d'express

электровозъ (m) большой скорости
locomotiva (f) elettrica da treno diretto
locomotora (f) eléctrica de [tren] expreso

8
Umformerlokomotive (f)
transformer locomotive
locomotive (f) à transformateur (rotatif) *ou* convertisseur

электровозъ (m) съ умформерами
locomotiva (f) a trasformatore
locomotora (f) con convertidor rotatorio

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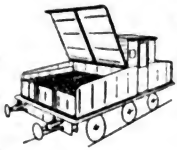
Akkumulatorenlokomotive (f)
storage battery *or* accumulator locomotive
locomotive (f) à accumulateurs



электровозъ (m) съ аккумуляторной тягой
locomotiva (f) ad accumulatori
locomotora (f) de acumuladores

1

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elektrischer Lokomotivkran (m)
electric locomotive crane
grue (f) électrique automotrice, automotrice-grue (f)

электровозъ (m)-кранъ (m)
locomotiva-gru (f) elettrica
grúa (f) eléctrica automotora

2

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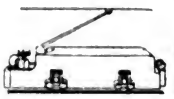
elektrische Grubenlokomotive (f)
electric mine locomotive
locomotive (f) électrique de mines



рудничный электровозъ (m); электрическій рудничный локомотивъ (m)
locomotiva (f) elettrica da miniera
locomotora (f) eléctrica minera *ó* para minas

3

Fahrzeugausrüstung

Equipment of Cars

Equipement des véhicules

Оборудованіе подвижного состава

Equipaggiamento dei veicoli

Equipo de los vehiculos

4

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1. Stromabnehmer
Current collector
Dispositif de prise de courant

Токоприемникъ
Apparecchio di presa di corrente
Aparato de toma de corriente

5

Stromabnahme (f)
collection of current
captation (f) *ou* prise (f) du courant

снимание (n) тока
presa (f) di corrente
toma (f) de corriente, captador (m)

6

---

den Strom abnehmen (v)
to collect the current
prendre (v) le courant, capter (v) le courant

снимать токъ
prendere (v) la corrente
tomar (v) la corriente

7

---

abnehmbare Stromstärke (f)
amperage *or* intensity of the current collectable
intensité (f) de courant utilisable

сила (f) снимаемаго тока
intensità (f) di corrente disponibile
intensidad (f) de corriente utilizable

8

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	den Stromabnehmer anpressen (v)	наж-ать (-имать) *или* приж-ать (-имать) токопріемникъ
1	to press the current collector against . . .	applicare (v) l'apparecchio di presa (trolley) della corrente
	amener (v) au contact la prise de courant	aplicar (v) la toma de corriente
	Anpressungsdruck (m)	нажимное *или* прижимное усилие (n)
2	application pressure	pressione (f) d'applicazione
	pression (f) de contact	presión (f) de aplicación *ó* de contacto
	den Stromabnehmer abschleudern (v)	отбрасывать токоприемникъ
	to throw off *or* to slip the current collector	staccare (v) bruscamente l'apparecchio di presa (trolley) della corrente
3	enlever (v) brusquement *ou* arracher (v) du conducteur le dispositif de prise de courant	soltar (v) la toma de corriente
	der Stromabnehmer bleibt hängen	токоприемникъ (m) отошёлъ *или* отсталъ отъ провода
	the current collector remains hanging	l'apparecchio di presa di corrente resta impigliato *o* s'impiglia *o* s'incastra *o* s'impegna
4	le dispositif de prise de courant reste accroché	la toma de corriente queda colgada *ó* detenida
	der Stromabnehmer hängt frei herunter	токоприемникъ (m) виситъ свободно
	the current collector hangs free	l'apparecchio di presa di corrente pende giù liberamente
5	le dispositif de prise de courant reste accroché sans être au contact	la toma de corriente queda detenida sin estar en contacto
	sich selbsttätig umlegen (v)	перекидываться автоматически
6	to reverse automatically	rovesciarsi (v) automaticamente
	se renverser (v) automatiquement	volverse (v) automáticamente
	funkenlos gleiten (v)	скользить безъ искръ *или* безъ искренія
7	to glide sparklessly	scivolare (v) *o* strisciare (v) senza scintille
	glisser (v) sans étincelles	rozar (v) sin producir chispas
	Kontaktunterbrechung (f)	перерывъ (m) контакта
8	breaking *or* interruption of contact	interruzione (f) del contatto
	interruption (f) de contact	interrupción (f) de contacto

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Bügelstromabnehmer (m)
bow current collector
archet (m) de prise de courant, dispositif (m) de prise de courant à archet

токоприёмникъ (m) - дуга (f)
apparecchio (m) di presa della corrente (trolley) ad archetto
arco (m) de toma de corriente

1

Bügel (m)
bow
archet (m)

a

дуга (f)
archetto (m) di contatto
arco (m) estribo (m), bastidor (m)

2

Bügelsystem (n)
bow system
système (m) à archet

система (f) съ дугой
sistema (m) ad archetto
sistema (m) de arco

3

Bügelkontakt (m)
bow contact
contact (m) d'archet

контактная часть (f) дуги
contatto (m) ad archetto
contacto (m) de arco

4

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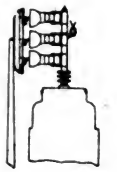
stehender Bügel (m)
vertical bow
archet (m) vertical



вертикальная дуга (f)
archetto (m) verticale
arco (m) vertical

5

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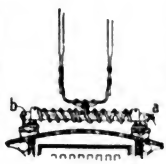
liegender Bügel (m)
horizontal bow
archet (m) horizontal

горизонтальная дуга(f)
archetto (m) orizzontale
arco (m) horizontal

6

Stromabnehmer (m) mit festem Gestell
current collector with fixed base
[dispositif (m) de] prise (f) de courant à support fixe



токоприёмникъ (m) съ неподвижнымъ основаніемъ
apparecchio (m) di presa della corrente a base fissa
toma (m) de corriente con soporte fijo

7

Bügellager (n)
bearing of bow
montage (m) de l'archet

a

подшипники (m pl) дуги
sopporto (m) dell'archetto
montaje (m) del arco, apoyo (m) del arco

8

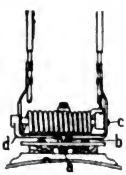
Federbock (m)
spring support
support (m) à ressort

b

стойка (f) для вала пружины
cavalletto (m) a molla
soporte (m) de muelle

9

Stromabnehmer (m) mit drehbarem Gestell
current collector with revolving base
[dispositif (m) de] prise (f) de courant à support tournant



токоприёмникъ (m) съ поворотнымъ основаніемъ
apparecchio (m) di presa della corrente a sopporto girevole
toma (m) de corriente con soporte giratorio

10

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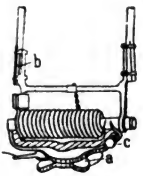
	Drehpunkt (m) pivot centre (m) de rotation	a	точка (f) вращенія centro (m) di rotazione centro (m) de rotación
2	Drehachse (f) axis of rotation pivot (m)	b	ось (f) вращенія asse (m) di rotazione gorrón (m)
3	Achsbolzen (m) axle bolt arbre (m)	c	осевой болтъ (m) perno (m) assiale eje (m) de rotación
4	Querstück (n) traverse traverse (f)	d	поперечина (f) traversa (f) travesaño (m)
5	drehbarer Stromabnehmer (m) mit selbsttätiger Feststellvorrichtung revolving current collector with automatic fixing device prise (f) de courent pivotante avec calage automatique		поворотный токоприемникъ (m) съ автоматическимъ или самодѣйствующимъ приспособленіемъ для закрѣпленія apparecchio (m) di presa della corrente girevole con arresto automatico toma (m) de corriente giratoria con aparato de sujeción automático
6	drehbarer Stromabnehmer (m) mit besonderer Feststellvorrichtung revolving current collector with special fixing device prise (f) de courant pivotante avec calage séparé		поворотный токоприемникъ (m) съ особымъ приспособленіемъ для закрѣпленія apparecchio (m) di presa della corrente a sopporto girevole con arresto speciale toma (m) de corriente giratoria con aparato de sujeción separado
7	Mittelstellvorrichtung (f) device for fixing in central position [dispositif (m) de] rappel (m) au centre	a	приспособленіе (n) для установки въ среднемъ положеніи dispositivo (m) di richiamo aparato (m) de sujeción en el centro
8	Stromabnehmerbefestigung (f) attachment *or* fastening of the current collector fixation (f) de la prise de courant	b	укрѣпленіе (n) токоприемника attacco (m) dell'apparecchio di presa della corrente fijación (f) *ó* sujeción (f) de la toma de corriente
9	Stellschraube (f), Klemmschraube (f) set-screw, adjusting-screw vis (f) de fixation, vis (f) de serrage	c	установочный винтъ (m); зажимной винтъ vite (f) d'arresto tornillo (m) de apriete *ó* de ajuste
10	Klinke (f) catch cliquet (m)	d	собачка (f) nottolino (m) trinquete (m)

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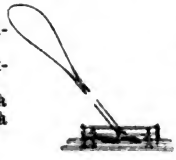
Anschlag (m)
stop
butée (f), arrêt (m)

упоръ (m)
arresto (m)
tope (m)
1

Bügelstromabnehmer (m) mit fester Drehachse
bow collector with fixed axle
prise (f) de courant à archet avec axe de rotation rigide

токоприёмникъ (m) -дуга (f) съ неподвижной осью вращенія
apparecchio (m) di presa di corrente ad archetto con asse di rotazione fisso
toma (m) de corriente de arco con eje de rotación fijo
2



Bügelstromabnehmer (m) mit durchfedernder Achse
bow collector with flexible axle
prise (f) de courant à archet avec pivot à ressort

токоприёмникъ (m) -дуга съ эластично укрѣплённой осью
apparecchio (m) di presa di corrente ad archetto con asse elastico
toma (m) de corriente de estribo con eje de resorte
3

die Federn sind gegeneinander verspannt
the springs are in tension against each other
les ressorts sont bandés en antagonisme

пружины (f pl) натянуты въ противоположныхъ направленіяхъ
le molle sono tese l'una contro l'altra
los muelles están tendidos en sentido opuesto *ó* antagonista
4

Abfederung (f)
spring mounting
montage (m) à ressort[s]

снабженіе (n) пружиннымъ устройствомъ; пружинное устройство (n)
sopporto (m) a molla
montaje (m) sobre muelles
5

durchfedern (v)
to bend elastically
fléchir (v) comme un ressort

пружинить
cedere (v) elasticamente
doblarse (v) como un resorte
6

federnd lagern (v)
to fix *or* mount elastically
monter (v) sur ressort

установить на пружинящихъ опорахъ; покоиться на пружинящихъ опорахъ
attaccare (v) *o* sostenere (v) a molla
montar (v) sobre muelles
7

die Federspannung regeln (v)
to regulate the spring tension
régler (v) la tension des ressorts

регулировать натяженіе пружины
regolare (v) la tensione della molla
regular (v) la tensión de los muelles
8

die Nase klinkt ein
the nose *or* dog catches *or* engages
le taquet s'enclanche

носикъ (m) защёлкиваетъ *или* западаетъ
il nottolino s'impegna
el diente se engancha
9

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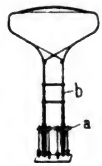
1	die Nase klinkt aus the nose *or* dog is released le taquet se déclanche		носикъ (m) выскакиваетъ *или* выпадаетъ il nottolino si libera el diente se desengancha
2	die Klinke auslösen (v) to release the catch dégager (v) *ou* déclancher (v) le cliquet		расцѣпить собачку liberare (v) *o* svincolare (v) il nottolino soltar (v) ó desenganchar (v) el trinquete
3	Kontaktständer (m) contact standard montant (m) de la prise de courant		стойка (f) контактной дуги montante (m) dell'apparecchio di presa della corrente vástago (m) vertical de la toma de corriente
4	Bügelbock (m) bow base support (m) d'archet	a	станокъ (m) *или* колонка (f) дуги cavalletto (m) portaarchetto soporte (m) porta-arco
5	Bügelgestell (n) bow frame armature (f) d'archet	b	рама (f) дуги incastellatura (f) dell'archetto armazón (m) del arco
6	Rohrgestell (n) tubular frame armature (f) tubulaire		трубчатая рама (f) incastellatura (f) tubulare armazón (m) tubular
7	Drehbügel (m) swivel *or* rotating *or* revolving bow archet (m) pivotant		поворотная дуга (f) archetto (m) girevole arco (m) giratorio
8	Stahlrohr (n) steel tube tube (m) d'acier	a	стальная труба (f) tubo (m) d'acciaio tubo (m) de acero
9	Schleifbügel (m) sliding bow archet (m) frotteur	b	скользящая *или* трущаяся дуга (f) archetto (m) di frizione arco (m) frotador
10	Schleiflänge (f) lateral sliding distance longueur (f) de frottement	d	длина (f) скольженія lunghezza (f) di contatto longitud (f) de fricción
11	Schleifstückhalter (m) sliding piece holder support (m) du frotteur		башмакъ (m) скользящей части; держатель (m) трущейся части sopporto (m) del pezzo di frizione soporte (m) del frotador
		a	

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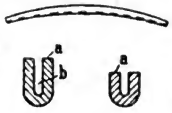

Schleifstück (n)
sliding piece *or* segment
frotteur (m), pièce (f) frottante

скользящая *или* трущаяся часть (f); [предлагаютъ:] скользунъ (m)
pezzo (m) di contatto
frotador (m)
1

Bügelschleiffläche (f)
bow face
surface (f) de frottement de l'archet

a

скользящая *или* трущаяся поверхность (f) дуги
superficie (f) di scivolamento dell'archetto
superficie (f) de rozamiento del arco
2

Schmiernut (f)
oil-groove, oil-way, lubrication groove
rainure (f) de graissage

b

канавка (f) *или* бороздка (f) для смазки
scanalatura (f) di lubrificazione
ranura (f) de engrase
3

Ölschmierung (f)
oil lubrication, oiling
lubrification (f) à l'huile, graissage (m) à l'huile

смазка (f) масломъ
lubrificazione (f) ad olio
engrase (m) *ó* lubricación (f) con aceite
4

Graphitschmierung (f)
graphite lubrication
graphitage (m), lubrification (f) au graphite

графитовая смазка (f)
lubrificazione (f) a grafite
engrase (m) *ó* lubricación (f) con grafito
5

Innenschmierung (f)
internal lubrication
lubrification (f) intérieure

внутренняя смазка (f)
lubrificazione (f) interna
engrase (m) *ó* lubricación (f) interior
6

Selbstschmierung (f)
automatic lubrication
auto-lubrification (f)

автоматическая смазка (f); самосмазка (f)
lubrificazione (f) automatica
engrase (m) automático
7

Umlegbarkeit (f)
reversibility
possibilité (f) *ou* facilité (f) de renversement *ou* inclinaison dans un sens contraire

возможность (f) перекидыванія
reversibilità (f), invertibilità (f)
reversibilidad (f)
8

Umlegvorrichtung (f)
reversing device
dispositif (m) de renversement

приспособленіе (n) для перекидыванія
dispositivo (m) di inversione *o* di reversione
disposición (f) de inversión
9

Niederlegvorrichtung (f)
holding-down device
dispositif (m) de rabattement

приспособленіе (n) для опусканія
dispositivo (m) di abbassamento
disposición (f) para bajar la toma de corriente
10

Riemen (m) ohne Ende
endless belt
courroie (f) sans fin

a

безконечный ремень (m)
cinghia (f) senza fine
correa (f) sin fin
11

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Bügelleine (f)
1 bow retrieving rope
corde (f) de l'archet

веревка (f) для перевода токоприемника
corda (f) dell'archetto *o* della staffa
cuerda (f) del estribo

---

den Stromabnehmer drehen (v)
2 to turn the current collector
faire pivoter (v) la prise de courant

повернуть (поворачивать) токоприемникъ
girare (v) l'apparecchio della presa di corrente
volver (v) la toma de corriente

---

der Stromabnehmer schlägt
3 the current collector jumps *or* pitches *or* hits
le dispositif de prise de courant cogne *ou* se heurte

токоприемникъ (m) бьётъ
la presa di corrente sbatte
la toma de corriente da golpes

---

der Bügel schlägt an
4 the bow strikes against
l'archet se heurte au conducteur

дуга (f) бьётся о проводъ; дуга ударяетъ о проводъ
l'archetto batte contro il filo di linea
la toma de corriente da choca ó pega contra el conductor aéreo

---

der Bügel legt sich um
5 the bow reverses
l'archet se retourne *ou* se renverse

дуга (f) перекидывается
l'archetto si inverte *o* si rovescia
el arco se vuelve

---

sich senkrecht einstellen (v)
6 to adjust itself vertically
se dresser (v) verticalement

становиться вертикально
mettersi (v) *od* adattarsi (v) verticalmente
levantarse (v) verticalmente

---

der Bügel springt ab
7 the bow jumps off
l'archet s'échappe du conducteur

дуга (f) отскакиваетъ *или* отходитъ *или* отстаетъ отъ провода
l'archetto salta dal filo di linea
el arco salta del conductor aéreo

Handhabung (f) des Bügels
8 management of the bow
maniement (m) de l'archet

обслуживаніе (n) дуги
maneggio (m) dell' archetto
manejo (m) del arco

---

den Bügel anlegen (v)
9 to put the bow on, to apply the bow
appliquer (v) l'archet

отпустить дугу до соприкосновенія съ проводомъ
applicare (v) l'archetto
aplicar (v) el arco

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den Bügel abziehen (v)
to pull the bow off, to withdraw the bow
enlever (v) l'archet, retirer (v) l'archet

отнять *или* опустить дугу
staccare (v) l'archetto
quitar (v) *ó* retirar (v) el arco *1*

---

den Stromabnehmer neigen (v)
to incline the current collector
incliner (v) le dispositif de prise de courant

наклонить токоприемникъ
inclinare (v) l'apparecchio di presa di corrente
inclinar (v) la toma de corriente *2*

---

den Stromabnehmer hochziehen (v)
to pull up *or* raise the current collector
relever (v) la prise de courant

поднять кверху токоприемникъ
innalzare (v) l'apparecchio di presa di corrente
levantar (v) la toma de corriente *3*

Rollenstromabnehmer (m)
trolley pole current collector
[dispositif(m) de] prise(f) de courant à trolley

роликовый токоприемникъ (m); токоприемникъ-роликъ (m)
presa (f) di corrente a trolley
toma (m) de corriente de trole *4*

Rollenbetrieb (m)
trolley working
fonctionnement (m) avec trolley *ou* trôlet

эксплоатація (f) съ троллеемъ; эксплоатація съ токоприемникомъ-роликомъ
servizio (m) *od* esercizio (m) a trolley
funcionamiento (m) *ó* servicio (m) con trole *5*

Rollensystem (n)
trolley system
système- (m) de trolley

система (f) троллея *или* ролика
sistema (m) di trolley
sistema (m) de trole *6*

[Kontakt-]Rolle (f)
contact roller, trolley wheel
galet (m) de contact, roulette (f), trôlet (m)

контактный роликъ(m)
trolley (m) *o* rotella (f) di contatto
trole (m), polea (f) de contacto *7*

Rollenflansch (m)
flange of trolley wheel
joue (f) de la roulette

a

бортъ (m) ролика
flangia (f) *od* orlo (m) della rotella
brida (f) del trole *8*

Rollennut (f)
groove of trolley wheel
gorge (f) de la roulette

b

шейка (f) *или* желобокъ (m) ролика
gola (f) della rotella
garganta (f) del trole *9*

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1 Rollenkontakt (m)
trolley contact
contact (m) par trolley

катящійся контактъ (m); роликовый *или* троллейный контактъ
contatto (m) del trolley *o* della rotella
contacto (m) de trole

2 Rollenlage (f)
trolley position
position (f) du trolley

положеніе (n) ролика *или* троллея
posizione (f) del trolley *o* della rotella
posición (f) del trole

3 Stangenstromabnehmer (m)
rod current collector
[dispositif (m) de] prise (f) de courant à perche

токопріемникъ (m) со штангой
apparecchio (m) di presa di corrente ad asta
toma (m) de corriente de pértiga

4 Stromabnehmerstange (f), Kontaktstange (f)
trolley pole *or* arm
perche (f) *ou* flèche (f) de prise de courant *ou* de contact

a

штанга (f) токопріемника
asta (f) di trolley
pértiga (f) del toma de corriente *ó* de contacto, pértiga (f) de trole

5 Kontaktkopf (m)
contact head, harp (A)
chape (f) de la roulette de contact

контактная головка (f); головка контакта
testa (f) dell'asta di contatto
armadura (f) *ó* caja (f) de la polea de contacto *ó* trole

6 Rollenbefestigung (f)
fixing of trolley wheel
fixation (f) de la roulette

укрѣпленіе (n) ролика
attacco (m) della rotella
fijación (f) *ó* sujeción (f) del trole

7 Reifrolle (f)
rime *or* sleet removing trolley wheel
roulette (f) à racler le givre

роликъ (m) для удаленія инея
rotella (f) a ghiaccio
polea (f) *ó* trole (m) de raspar la escarcha

8 Rollenabweichung (f)
deviation of trolley
déviation (f) du trolley

отклоненіе (n) ролика *или* троллея
deviazione (f) del trolley
desviación (f) del trole

a

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Verlaufen (n) der Rolle
running of the trolley in the wrong direction
fausse direction (f) du trolley

переходъ (m) ролика *или* троллея на невѣрный проводъ
deviamento (m) della rotella
dirección (f) falsa del trole
1

---

die Rolle springt aus *oder* entgleist
the trolley jumps off
le trolley déraille

роликъ (m) *или* тролей (m) соскакиваетъ
il trolley *o* la rotella svia *o* salta fuori [dal filo]
el trole se sale ó descarrila
2

Entgleisung (f) der Rolle
derailment of the trolley
déraillement (m) du trolley

соскакиваніе (n) ролика *или* троллея
deviamento (m) del trolley, uscita (f) delle rotella dal filo
salida (f) del trole
3

Kontaktstangenfänger (m)
contact pole catcher *or* retriever
ratrappe-trôlet (m), treuil (m) de rappel du trolley

остановъ (m) для роликоваго токопріемника
offerra-pertica (m), arrestarolle (m)
aparato (m) para agarrar la pértiga
4

Rollenleine (f)
trolley cord *or* rope
corde (f) de trolley

троллейная верёвка (f)
corda (f) del trolley
cuerda (f) del trole
5

---

in einer Schleife herabhängen (v)
to hang down in a loop
pendre (v) en formant une boucle

свисать въ видѣ петли
pendere (v) a modo di cappio
quedar (v) suspendido en un lazo
6

---

drehbarer Rollenstromabnehmer (m)
revolving trolley pole
trolley (m) pivotant

поворотный троллей (m); поворотный токопріемникъ (m)-роликъ (m)
trolley (m) girevole
trole (m) giratorio
7

Feststellvorrichtung (f)
fixing device
appareil (m) de calage

a

приспособленіе (n) для закрѣпленія
disposizione (f) di arresto
aparato (m) de sujeción
8

Stromabnehmerfußplatte (f)
current collector base plate
plaque (f) [de support] de prise de courant

b

доска (f) основанія токопріемника
piastra (f) di base dell' apparecchio di presa di corrente
placa (f) de toma de corriente
9

Schnuröse (f)
cord eye
œillet (m) [d'attache] de la corde

петля (f) верёвки
occhiello (m) per la corda
ójal (m) de fijación de la cuerda
10

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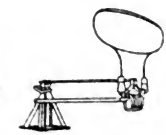
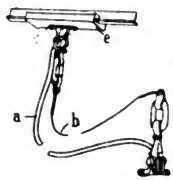
1 Stromabnehmer (m) für verschiedene Fahrdrahthöhen
current collector for various heights of overhead wire
[dispositif (m) de] prise (f) de courant pour différentes hauteurs de fils de ligne

токоприёмникъ (m) для различныхъ высотъ рабочаго провода
apparecchio (m) di presa di corrente per differenti altezze del filo di linea
toma (f) de corriente para alturas diferentes del hilo de trabajo



2 nachschleppbarer Stromabnehmer (m)
trailing *or* drag-slide current collector
[dispositif (m) de] prise (f) de courant remorqué[e] *ou* traîné[e]

увлекаемый вагономъ токоприёмникъ (m) - поползушка (f)
apparecchio (m) di presa *o* collettore (m) rimorchiabile, trolley (m) a rimorchio
toma (f) de corriente remolcable



3 Schleppseil (n)
trailing *or* drag-slide cable
câble (m) entraîné

a

соединительный кабель (m)
fune (f) *o* corda (f) di rimorchio
cable (m) remolcado

4 Zugseil (n)
pull-rope
câble (m) tracteur *ou* de remorque

b

тяговая бичева (f)
fune (f) *o* corda (f) di trazione
cable (m) de tracción *ó* de remolque

5 den Stromabnehmer nachschleppen (v)
to drag *or* trail the collector
remorquer (v) le dispositif de prise de courant

тянуть за собой токоприёмникъ
rimorchiare (v) la presa di corrente
remolcar (v) la toma de corriente

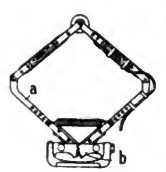
6 Gleitschuh (m), Schleifschuh (m)
sliding shoe
sabot (m) glissant, frotteur (m) à cuiller

e

скользящій башмакъ (m)
pattino (m)
patín (m)

7 Scherenstromabnehmer (m), Parallelogrammstromabnehmer (m)
pantograph *or* scissors-shape collector
prise (f) de courant à parallélogramme articulé (forme de ciseau)

токоприёмникъ (m) въ видѣ параллелограмма
trolley (m) a cesoie *od* a parallelogramma
toma (f) de corriente de paralelógramo articulado



8 Gelenkviereck (n)
articulated parallelogram, pantograph
parallélogramme (m) articulé

a

шарнирный четыреугольникъ (m) (параллелограммъ (m))
parallelogramma (m) articolato
paralelógramo (m) articulado

9 Zahnsegment (n)
toothed segment
secteur (m) denté

b

зубчатый секторъ (m)
settore (m) dentato
sector (m) dentado

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Stromabnehmer (m) mit zwei Armen
double armed current collector
[dispositif (m) de] prise (f) de courant à deux perches

двуплечій токоприёмникъ (m)
trolley (m) a due bracci *od* a due aste
toma (f) de corriente de dos pértigas *1*

Walzenstromabnehmer (m)
roller current collector
[dispositif (m) de] prise (f) de courant à rouleau

токоприёмникъ (m) съ валикомъ
trolley (m) a rullo
toma (f) de corriente de rodillo *2*

---

muldenförmiger Stromabnehmer (m), Kontaktschiff (n)
trough shaped *or* concave collector
[dispositif (m) de] prise (f) de courant en forme d'auge *ou* concave, contact (m) à navette

лотковый *или* корытообразный токоприёмникъ (m)
trolley (m) concavo
toma (f) de corriente cóncava *3*

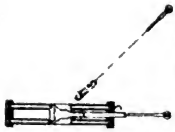
Seitenleitung (f)
side line *or* conductor
conducteur (m) latéral

боковой проводъ (m)
conduttore (m) laterale
conductor (m) lateral *4*

Seitenkontakt (m)
side contact
contact (m) latéral

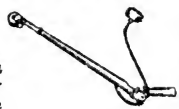
боковой контактъ (m)
contatto (m) laterale
contacto (m) lateral *5*

Seitenrolle (f)
lateral *or* side trolley
trolley (m) latéral, trolley (m) pivotant



боковой троллей (m) *или* роликъ (m)
trolley (m) laterale
trole (m) lateral, trole (m) articulado *6*

Grubenstromabnehmer (m)
current collector for mine locomotives
prise (f) de courant *ou* perche (f) de trolley pour locomotive de mine



рудничный токоприёмникъ (m)
trolley (m) da miniera
toma (f) de corriente para minas *7*

Rutenstromabnehmer (m)
rod *or* whip current collector
perche (f) de trolley

токоприёмникъ (m)-прутъ (m)
presa (f) di corrente *o* trolley (m) a verga
toma (f) de corriente de pértiga *8*

Kontaktrute (f)
contact rod
perche (f) *ou* verge (f) de contact

контактный прутъ (m)
verga (f) di contatto
pértiga (f) de contacto *9*

Rutenkopf (m)
rod *or* whip head
tête (f) de perche de trolley

головка (f) прута
testa (f) della verga
cabeza (f) *ó* extremo (m) de la pértiga *10*

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1 Rutengelenkstück (n)
rod articulation piece
articulation (f) de perche de trolley

шарниръ (m) прута
articolazione (f) della verga
articulación (f) de la pértiga

2 Schutzkappe (f)
protective cap
chape (f) protectrice

предохранительная коробка (f)
cappello (m) di protezione
armadura (f) de protección

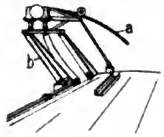
3 Holzrute (f)
wooden rod
perche (f) *ou* verge (f) en bois

деревянный прутъ (m)
verga (f) di legno
pértiga (f) de madera

4 Ausladung (f) der Kontaktrute
radius *or* overhang of contact rod
portée (f) de la perche de contact

вылетъ (m) *или* выносъ (m) контактнаго прута
aggetto (m) della verga di contatto
portada (f) *ó* alcance (m) de la pértiga de contacto

5 eingezogene Kontaktrute (f)
contact rod *or* whip drawn in
verge (f) *ou* perche (f) rabattue



спущенный контактный прутъ (m)
verga (f) di contatto abbassata
toma (f) de corriente plegada

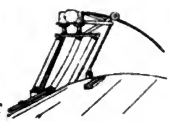
a

6 nach außen verstellte Kontaktrute (f)
contact rod *or* whip set out
prise (f) de courant repliée vers l'extérieur

b

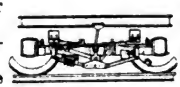
установленный наружу контактный прутъ (m)
verga (f) di contatto girata all'infuori
toma (f) de corriente plegada hacia el exterior

7 nach innen verstellte Kontaktrute (f)
contact rod *or* whip set in
prise (f) de courant repliée vers l'intérieur



установленный вовнутрь контактный прутъ (m)
verga (f) di contatto girata all'interno
toma (f) de corriente plegada hacia el interior

8 Stromabnehmer (m) für dritte Schiene
third-rail current collector
[dispositif (m) de] prise (f) de courant pour troisième rail



токоприемникъ (m) для третьяго рельса
presa (f) di corrente per terza rotaia
toma (f) de corriente para tercer carril

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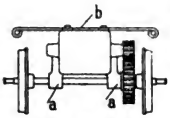
2. Motor
Motor
Moteur

Двигатель (моторъ)
Motore *1*
Motor

Motorlagerung (f)
bearing *or* support of motor
mode (m) de support du moteur (sur les paliers)



a

подшипники (m pl) двигателя *или* мотора
sopporti (m pl) del motore *2*
[modo (m) de] montaje (m) del motor

Motoraufhängung (f)
motor suspension
suspension (f) du moteur

b

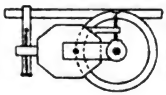
подвѣска (f) двигателя *или* мотора
sospensione (f) del motore *3*
suspensión (f) del motor

---

federnde Aufhängung (f)
spring suspension
suspension (f) élastique *ou* par ressort

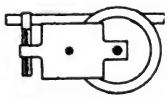
упругая *или* пружинящая подвѣска (f)
sospensione (f) elastica *4*
suspensión (f) elástica

Jochaufhängung (f)
yoke suspension
suspension (f) par la culasse



подвѣска (f) съ ярмомъ *или* съ траверсой
sospensione (f) a giogo *5*
suspensión (f) por la culata

Nasenaufhängung (f)
nose *or* lug suspension
suspension (f) par le nez



подвѣска (f) на приливахъ
sospensione (f) ad orecchioni *6*
suspensión (f) por orejas

Schwerpunktaufhängung (f)
centre of gravity suspension
suspension (f) du centre de gravité

подвѣшиваніе (n) въ центрѣ тяжести
sospensione (f) del centro di gravità *7*
suspensión (f) del centro de gravedad

Motorgestell (n)
motor frame
bâti (m) de moteur, châssis (m) de moteur

корпусъ (m) мотора; остовъ (m) двигателя
carcassa (f) del motore *8*
bastidor (m) del motor

Zahnradgetriebe (n)
toothed gearing, spur gearing
train (m) *ou* harnais (m) d'engrenages

зубчатая передача (f)
ingranaggio (m), trasmissione (f) ad ingranaggio *9*
engranajes (m pl)

Achszahnrad (n)
axle spur wheel
roue (f) dentée pour essieu *ou* de l'essieu

зубчатое колесо (n) на вагонной оси
ruota (f) dentata, ingranaggio (m) *10*
rueda (f) dentada colocada sobre el eje

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1 Motortrieb (m), Triebrad (n), Ankerzahnrad (n)
motor pinion, driving pinion
pignon (m) [du] moteur, roue (f) dentée motrice

шестерня (f) двигателя
pignone (m) *o* rocchetto (m) dentato
piñón (m) [del] motor, rueda (f) motriz

---

2 Schutzkasten (m)
protecting box *or* casing
boîte (f) *ou* enveloppe (f) de protection

предохранительный кожухъ (m)
scatola (f) di protezione
caja (f) protectora

---

3 Radschutzkasten (m), Radverschalung (f)
wheel guard
couvre-roue (m), carter (m) de roue, enveloppe (f) de roue

предохранительный кожухъ (m) для колёсъ
scatola (f) di protezione delle ruote, cassa (f) delle ruote
caja (f) protectora de la rueda

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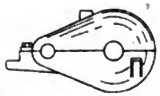
4 Zahnradschutzkasten (m)
gear box *or* case
boîte (f) d'engrenage, carter (m) d'engrenage



предохранительный кожухъ (m) для зубчатыхъ колёсъ; кожухъ зубчатой передачи
scatola (f) di protezione, cassa (f) dell'ingranaggio
caja (f) protectora para engranaje

---

5 Ankerachse (f), Ankerwelle (f)
armature shaft
arbre (m) d'induit

якорный валъ (m)
albero (m) dell'indotto *o* del motore
eje (m) del inducido *ó* rotor

---

6 Motorlager (n)
motor bearing
palier (m) de moteur

подшипникъ (m) двигателя *или* мотора
sopporto (m) del motore
soporte (m) de motor

---

7 Ankerlager (n)
armature bearing
palier (m) de l'induit

подшипникъ (m) якоря
sopporto (m) dell'indotto
cojinete (m) del inducido

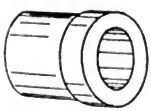
---

8 Ankerlagerschild (n), Motorschild (n)
armature bearing shield
flasque (m) portant le palier

стѣнка (f) остова *или* корпуса мотора съ подшипникомъ
scudo (m) [a sopporto] del motore
placa (f) portadora del cojinete

---

9 Ankerlagerschale (f)
armature bearing brass
coussinet (m) [du palier] de l'induit



вкладышъ (m) подшипника якоря
cuscinetto (m) [dei sopporti] dell'indotto
cojinete (m) [de soporte] del inducido

---

10 Laufachslagerschale (f)
bearing brass of car axle
coussinet (m) [du palier] de l'essieu porteur

вкладышъ (m) осевого подшипника
cuscinetto (m) [dei sopporti] dell'asse motore *o* della sala
cojinete (m) del eje portador

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Laufachslagerdeckel(m)
cover of car axle bearing
couvercle (m) du palier de l'essieu porteur

крышка (f) осевого подшипника
coperchio (m) del sopporto dell'asse motore *o* della sala
tapa (f) del cojinete del eje portador

1

Magnetgehäuse (n)
field magnet casing
carcasse (f) *ou* cuirasse (f) portant les pôles

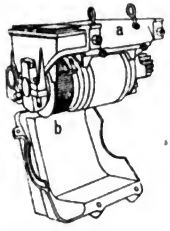
корпусъ (m) мотора; остовъ (m) двигателя
carcassa (f) magnetica
culata (f) *ó* caja (f) portadora de los polos, armazón (m)

2

Gehäusehälfte (f)
half of casing
demi-carcasse (f), moitié (f) de carcasse

половина (f) остова *или* корпуса
metà (f) della carcassa
mitad (f) de la caja *ó* culata *ó* del armazón

3



a

Gehäuseoberteil (m)
upper half of frame *or* casing
dessus (m) de la carcasse *ou* de l'enveloppe

верхъ (f) *или* верхняя часть (f) остова *или* корпуса
metà (f) superiore della carcassa
parte (f) superior de la caja

4

---

b

Gehäuseunterteil (m)
lower half of frame *or* casing
dessous (m) de la carcasse *ou* de l'enveloppe

низъ (m) *или* нижняя часть (f) остова *или* корпуса
metà (f) inferiore della carcassa
parte (f) inferior de la caja

5

---

vollständig geschlossenes Gehäuse (n)
closed frame *or* casing
carcassa (f) complètement close *ou* fermée, cuirasse (f) étanche

совершенно закрытый остовъ (m) *или* корпусъ (m)
carcassa (f) completamente chiusa
caja (f) *ó* coraza (f) completamente cerrada

6

---

wasserdicht abschließen (v)
to close watertight
rendre (v) étanche

закрыть водонепроницаемо
chiudere (v) ermeticamente
cerrar (v) herméticamente

7

---

staubdicht abschließen (v)
to close dust-proof
mettre (v) à l'abri de la poussière

закрыть пыленепроницаемо
chiudere (v) a tenuta di polvere
preservar (v) herméticamente contra el polvo

8

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aufklappbares Gehäuse (n)
1 hinged frame *or* casing
carcasse (f) à charnières

раскрывающійся остовъ (m); корпусъ (m) съ откидное половиной
carcassa (f) a cerniera
caja (f) con tapa de charnela

---

zweiteiliges Gehäuse (n)
frame *or* casing in two
2 parts
carcasse (f) en deux parties

остовъ (m) *или* корпусъ (m), состоящій изъ двухъ частей
carcassa (f) in due pezzi
caja (f) de dos piezas

---

ungeteiltes Gehäuse (n)
frame *or* casing in one
3 part
carcasse (f) en une pièce

цѣльный остовъ (m); неразъёмный корпусъ (m)
carcassa (f) in un pezzo
caja (f) de una pieza

Motorgehäuseklappe (f)
hinged motor case cover
4 porte (f) de visite du moteur, couvercle (m) de carcasse

крышка (f) моторнаго корпуса *или* остова
sportello (m) della carcassa del motore
tapa (f) de la caja del motor

---

aufgeschraubter Deckel (m)
5 cover screwed on
couvercle (m) boulonné

навинченная *или* привинченная крышка (f)
coperchio (m) avvitato
tapa (f) atornillada

Kommutatordeckel (m)
commutator cover
6 couvercle (m) de collecteur

крышка (f) коллекторнаго люка
coperchio (m) del collettore
tapa (f) de colector

Scharnierdeckel (m)
hinged cover
7 couvercle (m) à charnière

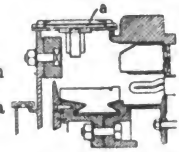
крышка (f) на шарнирахъ
coperchio (m) a cerniera
tapa (f) con charnela

---

das Gehäuse ist aufklappbar
8 the casing is hinged
la carcasse est à rabattement

остовъ (m) *или* корпусъ (m) раскрывается
la carcassa si può aprire
la caja se puede abrir

Kollektorrevisionsöffnung (f)
commutator inspection
9 hole
ouverture (f) pour la visite du collecteur



отверстіе (n) *или* люкъ (m) для осмотра коллектора
apertura (f) per l'ispezione *o* la visita del collettore
orificio (m) de revisión del colector

---

das Gehäuse ist zugänglich
10 the casing is accessible
la carcasse est accessible

остовъ (m) *или* корпусъ (m) доступенъ
la carcassa è accessibile
la caja está accessible

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Gehäuseinnere (n)
interior of casing
intérieur (m) de la carcasse

внутренность (f) остова *или* корпуса
interno (m) della carcassa
interior (m) de la caja

1

---

den Anker herausnehmen (v)
to remove *or* take out the armature
enlever (v) l'induit

вын-уть (-имать) якорь
estrarre (v) l'indotto *o* l'armatura
sacar (v) el inducido

2

Ankerkörper (m)
armature structure *or* body
corps (m) de l'induit

тѣло (n) якоря
corpo (m) dell' indotto
cuerpo (m) del inducido

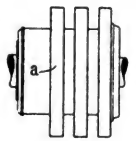
3

Spritzring (m)
oil throw ring
bague (f) de projection du lubréfiant

кольцо (n), разбрызгивающее масло
anello (m) scaccia-olio
anillo (m) de engrase

4

Schleifring (m)
slip-ring, collector ring
bague (f) collectrice, bague (f) de captation

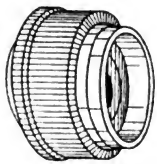


a

контактное кольцо (n)
anello (m) collettore
anillo (m) colector, anillo (m) de captación de la corriente

5

Kommutator (m), Kollektor (m)
commutator
collecteur (m)



коллекторъ (m)
collettore (m), commutatore (m)
colector (m)

6

Kommutatorkörper (m)
commutator bush
manchon (m) du collecteur

корпусъ (m) коллектора
corpo (m) del collettore
manguito (m) del colector

7

---

funkenfreie Kommutierung (f)
sparkless commutation
commutation (f) sans étincelles

коммутированіе (n) *или* коммутація (f) безъ искръ
commutazione (f) senza scintille
conmutación (f) sin chispas

8

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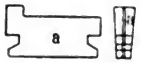
1 Segment (n), Lamelle (f)
segment
lame (f), touche (f), segment (m)



a

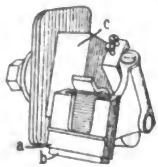
пластина (f) *или* сегментъ (m) коллектора
lamella (f), segmento (m)
lámina (f), segmento (m), delga (f)

2 Glimmersegment (n)
mica segment
segment (m) *ou* lame (f) de mica

слюдяной сегментъ (m); слюдяная пластина (f) коллектора
lamella (f) *o* segmento (m) di mica
segmento (m) de mica

3 Kupfersegment (n)
copper bar *or* segment
lame (f) *ou* touche (f) *ou* segment (m) de cuivre

мѣдная пластина (f) *или* мѣдный сегментъ (m) коллектора
segmento (m) *ó* lamella (f) di rame
lámina (f) *ó* segmento (m) de cobre



4 Bürstenhalter (m)
brush-holder
porte-balai (m)

щёткодержатель (m)
porta-spazzole (m)
porta-escobillas (m)

5 Kohlenhalter (m)
carbon-holder *or* clip *or* body (A)
porte-charbon (m)

a

угледержатель (m)
porta-carbone (m)
porta-carbón (m)

6 Motorkohle (f)
motor-carbon
[balai (m) de] charbon (m) pour moteurs

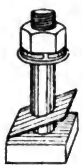
b

уголь (m) для двигателей *или* для моторовъ
carbone (m) per motori
escobilla (f) de carbón (m) para motores

7 Kohlenhalterbrücke (f)
carbon-brush holder *or* yoke (A)
bras (m pl) de fixation des porte-charbons

c

ярмо (m) *или* мостикъ (m) угледержателей
ponte (m) porta-spazzole
collar (m) *ó* puente (m) de porta-carbón



8 Bürstenhalterbolzen (m)
brush-holder pin *or* bolt
vis (f) de porte-balais

болтъ (m) для щёткодержателя
bullone (m) porta-spazzole
tornillo (m) de porta-escobilla

9 Bürstenhalterfeder (f)
brush-holder spring
ressort (m) de porte-balais

пружина (f) щёткодержателя
molla (f) del porta-spazzole
muelle (m) de porta-escobilla

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Kohlenbürste (f)
carbon brush
balai (m) de charbon

угольная щётка (f)
spazzola (f) di carbone 1
escobilla (f) de carbón

---

funkenlos laufen (v)
to run sparklessly
fonctionner (v) sans cracher *ou* sans étincelles [aux balais]

работать безъ искръ *или* безъ искренія
funzionare (v) senza scintille 2
funcionar (v) sin [proyección de] chispas *ó* sin chispear

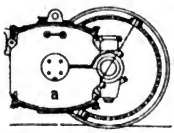
Bahnmotor (m)
traction motor
moteur (m) de chemin de fer

желѣзнодорожный (трамвайный) двигатель (m) *или* моторъ (m); двигатель для электрической тяги 3
motore (m) di trazione, motore (m) per ferrovia
motor (m) para ferrocarril *ó* para tranvía

Motor (m) gedrängter Bauart
motor of compact design
moteur (m) compact *ou* de construction compacte

двигатель (m) *или* моторъ (m) компактной конструкціи
motore (m) di costruzione compatta 4
motor (m) de construcción compacta

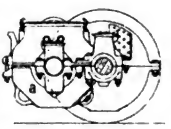
Grubenbahnmotor (m)
mine-railway motor
moteur (m) de chemin de fer minier



a

двигатель (m) *или* моторъ (m) для рудничныхъ желѣзныхъ дорогъ
motore (m) per ferrovia in miniera 5
motor (m) para ferrocarril de minas

Gleichstrombahnmotor (m)
continuous or direct (A) current railway motor
moteur (m) de chemin de fer à courant continu



a

желѣзнодорожный двигатель (m) *или* трамвайный моторъ (m) постояннаго тока; двигатель постояннаго тока для электрической тяги 6
motore (m) per trazione a corrente continua
motor (m) para ferrocarril de corriente continua

Hauptstrommotor (m)
series motor
moteur (m) [en] série

двигатель (m) *или* моторъ (m) съ послѣдовательнымъ возбужденіемъ 7
motore (m) in serie
motor (m) en serie

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1 Nebenschlußmotor (m)
shunt motor, shunt wound motor
moteur (m) [excité] en dérivation, moteur (m) shunt

шунтовой двигатель (m)
motore (m) [eccitato] in derivazione
motor (m) excitado en derivación *ó* shunt

---

2 Zweiphasenmotor (m)
two-phase motor
moteur (m) bi- *ou* diphasé

двухфазный двигатель (m); моторъ (m) двухфазнаго тока
motore (m) bifase
motor (m) bifásico

---

3 Mehrphasenmotor (m)
multiphase motor
moteur (m) polyphasé

многофазный двигатель (m); моторъ (m) многофазнаго тока
motore (m) polifase
motor (m) polifásico

---

4 Einphasenkommutatormotor (m), Kollektormotor (m)
single-phase commutator motor
moteur (m) monophasé à collecteur

однофазный коллекторный двигатель (m) *или* моторъ (m)
motore (m) monofase a collettore
motor (m) monofásico de colector

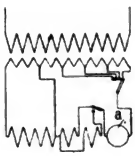
---

5 Einphasenstrommotor (m)
single-phase motor
moteur (m) monophasé

однофазный двигатель (m); моторъ (m) однофазнаго тока
motore (m) [a corrente] monofase
motor (m) monofásico

---

6 Reihenschlußmotor (m) für Einphasenstrom
single-phase series motor
moteur (m) monophasé série, moteur (m) série à courant alternatif

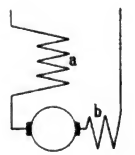


a

однофазный двигатель (m) съ послѣдовательнымъ возбужденіемъ; моторъ (m) однофазнаго тока съ послѣдовательнымъ возбужденіемъ
motore (m) monofase in serie
motor (m) monofásico en serie

---

7 Reihenschlußkommutatormotor (m)
series commutator motor
moteur (m) série à courant alternatif à collecteur



коллекторный двигатель (m) *или* моторъ (m) съ послѣдовательнымъ возбужденіемъ
motore (m) in serie a collettore
motor (m) monofásico de colector en serie

---

8 Erregerwicklung (f)
exciting-winding
enroulement (m) excitateur *ou* inducteur, bobinage (m) excitateur *ou* inducteur

a

обмотка (f) возбужденія; обмотка (f) магнитнаго поля
avvolgimento (m) d'eccitazione
arrollamiento (m) de excitación

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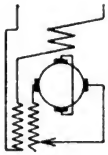
b

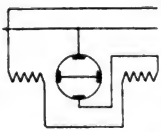
Kompensationswicklung (f)
compensation winding
enroulement (m) *ou* bobinage (m) compensateur

уравнительная *или* компенсирующая обмотка (f)
avvolgimento (m) compensatore
arrollamiento (m) compensador
1



kompensierter Repulsionsmotor (m)
compensated repulsion motor
moteur (m) à répulsion compensé

компенсированный репульсіонный двигатель (m); уравновѣшенный репульсіонный моторъ (m)
motore (m) a ripulsione compensato
motor (m) de repulsión compensado
2



kompensierter Reihenschlußmotor (m)
compensated series motor
moteur (m) série compensé

компенсированный двигатель (m) [моторъ (m)] съ послѣдовательнымъ возбужденіемъ
motore (m) in serie compensato
motor (m) en serie compensado
3

Wendepolwicklung (f)
commutating-pole winding
enroulement (m) *ou* bobinage (m) de pôle de commutation

обмотка (f) вспомогательныхъ добавочныхъ полюсовъ
avvolgimento (m) dei poli ausiliari
arrollamiento (m) de polo de commutación
4

Anlaßtransformator (m)
starting-transformer
transformateur (m) de démarrage

пусковой трансформаторъ (m)
trasformatore (m) d'avviamento
transformador (m) de arranque
5

Reguliertransformator (m)
regulating-transformer
transformateur-régulateur (m), transformateur (m) de réglage

регулирующій трансформаторъ (m)
trasformatore (m) regolatore
transformador (m) regulador
6

Stufenschalter (m)
step switch
interrupteur (m) à plusieurs contacts *ou* plots

ступенчатый выключатель (m)
interruttore (m) a gradini
interruptor (m) de contactos escalonados
7

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doppelpoliger Umschalter (m)
double-pole throw-over switch
commutateur (m) bipolaire

двухполюсный переключатель (m)
commutatore (m) bipolare
conmutador (m) bipolar
8

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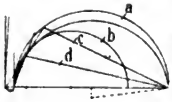
	Hilfswicklung (f) auxiliary winding 1 enroulement (m) *ou* bobinage (m) auxiliaire	вспомогательная обмотка (f) avvolgimento (m) ausiliario arrollamiento (m) auxiliar
	langsam laufender Motor (m) 2 slow-speed motor moteur (m) à faible vitesse	тихоходный двигатель (m) motore (m) a piccola velocità motor (m) de pequeña velocidad
	schnellaufender Motor (m) 3 high-speed motor moteur (m) à grande vitesse	быстроходный двигатель (m) motore (m) a grande velocità motor (m) de gran velocidad
	vierpoliger Motor (m) 4 four-pole motor moteur (m) tétrapolaire	четырёхполюсный двигатель (m) *или* моторъ (m) motore (m) a 4 poli *o* tetrapolare motor (m) tetrapolar
	sechspoliger Motor (m) 5 six-pole motor moteur (m) hexapolaire	шестиполюсный двигатель (m) *или* моторъ (m) motore (m) a 6 poli *o* esapolare motor (m) hexapolar
	Drehstrommotor (m), Dreiphasenmotor (m) 6 three-phase motor moteur (m) triphasé, moteur (m) à champ tournant	трёхфазный двигатель (m); моторъ (m) трёхфазнаго тока motore (m) trifase *od* a campo rotante motor (m) trifásico
	Asynchronmotor (m), Induktionsmotor (m) asynchronous motor, induction motor 7 moteur (m) asynchrone, moteur (m) d'induction	асинхронный двигатель (m); индукціонный моторъ (m) motore (m) asincrono, motore (m) a induzione motor (m) asíncrono, motor (m) de inducción
	Motorgruppe (f) 8 motor group groupe (m) de moteurs	группа (f) двигателей *или* моторовъ gruppo (m) di motori grupo (m) de motores
	Hauptmotor (m) 9 principal *or* main motor moteur (m) principal	главный двигатель (m) *или* моторъ (m) motore (m) principale motor (m) principal
	Kreisschaubild (n) 10 circle diagram diagramme (m) circulaire	 круговая діаграмма (f) diagramma (m) circolare diagrama (m) circular

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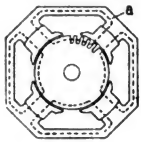
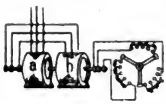
Magnetisierungskreis (m) magnetisation cycle cercle (m) *ou* lieu (m) des champs magnétiques	a	цѣпь (f) намагниченія; магнитная цѣпь circolo (m) della magnetizzazione círculo (m) de imanación ó de los campos magneticos	1
Stromkreis (m) circuit cercle (m) *ou* lieu (m) des courants	b	цѣпь (f) тока circolo (m) della corrente círculo (m) de la corriente	2
Nutzfeld (n) effective *or* useful field champ (m) utile, champ (m) résultant	c	полезное поле (n) campo (m) utile campo (m) útil	3
Luftfeld (n) air field champ (m) dans l'entrefer	d	воздушное поле (n) campo (m) nell'aria dell'intraferro *o* campo magnetico campo (m) en el entrehierro	4
Kraftlinienweg (m) path *or* course of the lines of force circuit (m) *ou* trajet (m) des lignes de force	 a	путь (m) силовыхъ линій; путь линій силъ cammino (m) *o* percorso (m) delle linee di forza trayecto (m) de las líneas de fuerza	5
Kaskadenschaltung (f) cascade connection groupement (m) *ou* couplage (m) en cascade *ou* en tandem		каскадное соединеніе (n) accoppiamento (m) in cascata acoplamiento (m) en cascada	6
Kaskadenmotor (m) cascade motor moteur (m) en cascade	a, b	двигатель (m) *или* моторъ (m) въ каскадномъ соединеніи motore (m) in cascata motor (m) en cascada	7
Hochspannungsmotor (m) high-tension *or* high-voltage motor moteur (m) à haute tension	a	двигатель (m) *или* моторъ (m) высокаго напряженія motore (m) ad alta tensione motor (m) de alta tensión	8
Niederspannungsmotor (m) low-tension *or* low-voltage motor moteur (m) à basse tension	b	двигатель (m) *или* моторъ (m) низкаго напряженія motore (m) a bassa tensione motor (m) de baja tensión	9

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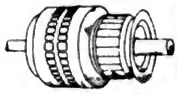
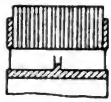
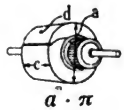
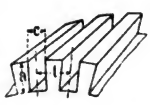
1	Läufer (m), Anker (m), Rotor (m) armature, rotor induit (m), rotor (m)		якорь (m); роторъ (m) rotore (m), indotto (m), armatura (f) inducido (m), rotor (m), armadura (f)
2	Kerneisen (n) core iron fer (m) du noyau		желѣзо (n) сердечника ferro (m) del nucleo hierro (m) del núcleo
3	Ankerkern (m) armature core noyau (m) *ou* corps (m) d'induit		сердечникъ (m) якоря nucleo (m) dell'indotto núcleo (m) del inducido
4	Ankereisen (n) armature iron fer (m) d'induit		желѣзо (n) якоря ferro (m) dell'indotto hierro (m) del inducido
5	wirksames Eisen (n), aktive Eisen (n) active iron fer (m) actif		дѣйствующее *или* активное желѣзо (n) ferro (m) attivo hierro (m) activo
6	Ankerumfang (m) periphery of armature *or* rotor, armature circumference périphérie (f) d'induit		окружность (f) якоря periferia (f) dell'indotto *o* dell'armatura circunferencia (f) del inducido
7	Ankerlänge (f) length of armature longueur (m) d'induit, longueur (m) de rotor	c	длина (f) якоря; длина ротора lunghezza (f) dell'indotto *o* dell'armatura longitud (f) del inducido *ó* del rotor
8	Ankeroberfläche (f) armature surface surface (m) d'induit, surface (m) de rotor	d	поверхность (f) якоря; поверхность ротора superficie (f) dell'indotto *o* dell'armatura superficie (f) del inducido *ó* del rotor
9	Ankernut (f) armature slot rainure (f) *ou* encoche (f) de l'induit		пазъ (m) *или* выемка (f) въ желѣзѣ якоря scanalatura (f) *o* canale (m) dell'indotto *o* dell'armatura ranura (f) de inducido
10	Nutenabmessung (f), Nutendimensionen (f pl) slot dimensions (pl) dimensions (f pl) des rainures		размѣры (m pl) пазовъ dimensioni (f pl) delle scanalature *o* dei canali dimensiones (f pl) de las ranuras
11	Nutenteilung (f) slot pitch pas (m) des rainures	t	шагъ (m) *или* дѣленіе (n) паза passo (m) delle scanalature *o* dei canali paso (m) de las ranuras

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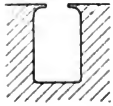
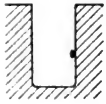
Nut[en]tiefe (f) depth of slot profondeur (f) de rainure	a		глубина (f) паза profondità (f) della scanalatura *o* dei canali profundidad (f) de la ranura	*1*
Nut[en]breite (f) width of slot largeur (f) de rainure	c		ширина (f) паза larghezza (f) della scanalatura *b* dei canali anchura (f) de la ranura	*2*
ganz geschlossene Nut(f) closed slot trou (m), encoche (f) non repercée			совершенно закрытый пазъ (m); глухой пазъ alveolo (m) *o* canale (m) completamente chiuso ranura (f) completamente cerrada	*c* *3*
halb geschlossene Nut (f), halb offene Nut (f) partly closed slot encoche (f) repercée			полузакрытый *или* полуоткрытый пазъ (m) scanalatura (f) semichiusa, canale (m) semichiuso ranura (f) semi-cerrada	*4*
offene Nut (f) open slot encoche (f) ouverte, intervalle (m) de dent			открытый пазъ (m) scanalatura (f) aperta, canale (m) aperto ranura (f) abierta	*5*
Keilverschluß (m) wedge closing fermeture (f) (de l'encoche) par un coin			закрѣпленіе (n) провода въ пазу посредствомъ клина chiusura (f) a cuneo cierre (m) por cuña	*6*
Ankerspule (f), Armaturspule (f) armature coil bobine (f) d'induit			секція (f) обмотки якоря bobina (f) *o* sezione (f) d'indotto carrete (m) *ó* bobina (f) de inducido	*7*
Ankerzahn (m) armature tooth dent (m) d'induit *ou* de rotor	a		зубецъ (m) якоря; зубецъ ротора dente (m) del'ancora *o* dell'armatura *o* dell'indotto diente (m) del inducido *ó* del rotor	*8*
Zähnezahl (f) number of teeth nombre (m) de dents			число (n) зубцовъ numero (m) dei denti número (m) de los dientes	*9*
Wendezahn (m) commutating tooth dent (f) (du pôle) de commutation			вспомогательный *или* добавочный зубецъ (m) dente (m) ausiliare per la commutazione diente (m) del polo de conmutación	*10*

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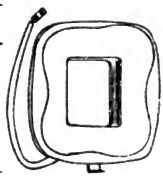
1	Luftspalt (m), Luftschlitz (m) air gap entrefer (m)		междужелѣзное пространство (n); зазоръ (m) [между якоремъ и полюсными наконечниками] intraferro (m), traferro (m) entrehierro (m)
2	Luftweg (m) air-path, magnetic path in air trajet (m) (des lignes de force) dans l'entrefer	 a	путь (m) въ междужелѣзномъ пространствѣ spessore (m) dell'intraferro trayecto (m) (de las lineas de fuerza) en el entrehierro
3	Ständer (m) stator stator (m), inducteur (m)		станина (f) statore (m) estator (m), armazón (m)
4	Joch (n) yoke culasse (f)		ярмо (n); ярмообразный сердечникъ (m) giogo (m) culata (f)
5	Magnetkranz (m) field frame couronne (f) des pièces polaires *ou* des pôles		рама (f) съ магнитными полюсами corona (f) magnetica, corona (f) dei poli corona (f) de los polos
6	Feldmagnet (m) field-magnet inducteur (m), [électro-] aimant (m) *ou* électro (m) de champ		магнитъ (m) поля; магнитъ, создающій поле induttore (m), polo (m), elettro-calamita (m) inductor (m), imán (m) del campo
7	Hauptpol (m) main pole pôle (m) principal		главный полюсъ (m) polo (m) principale polo (m) principal
8	Magnetspule (f), Schenkelspule (f) magnet coil, magnet spool bobine (f) d'électro-aimant		катушка (f) электромагнита; электромагнитная катушка rocchetto (m), bobina (f) di campo, bobina (f) induttrice carrete (m) del electroimán
9	Polzahl (f) number of poles nombre (m) de pôles		число (n) полюсовъ numero (m) dei poli número (m) de polos
10	Polteilung (f) pole-pitch pas (m) *ou* distance (f) des pôles	 a	полюсный шагъ (m); полюсное дѣленіе (n) passo (m) polare distancia (f) entre los polos

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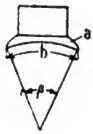

a

b

Polschuh (m)
pole-shoe, pole-piece
épanouissement (m) polaire, pièce (f) polaire

полюсный наконечникъ (m)
espansione (f) polare, scarpa (f) polare
pieza (f) *ó* ensanchamiento (m) polar

1

Polbogenlänge (f)
length of pole-arc
longueur (m) de l'arc polaire

длина (f) полюсной дуги
lunghezza (f) dell' arco polare
longitud (f) del arco polar

2

Polschuhhorn (n)
pole horn
corne (f) [d'épanouissement] polaire

отростокъ (m) полюснаго наконечника
corno (m) della scarpa polare *o* dell'espansione polare
cuerno (m) polar

3

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hornförmiger Pol (m)
horn-shaped pole
corne (f) polaire courbe

рогобразный *или* роговидный наконечникъ (m)
polo (m) a corni
polo (m) en forma de cuerno

4

Polschuhspitze (f)
tip of pole shoe
bec (m) d'épanouissement polaire

острый край (m) полюснаго наконечника
punta (f) dell' espansione polare
punta (f) del ensanchamiento polar

5

Polhälfte (f)
pole half
demi pôle (m), moitié (f) de pôle

половина (f) полюса; полъ полюса
metà (f) del polo, mezzopolo (m)
semipolo (m)

6

Wendepol (m), Zwischenpol (m), Hilfspol (m)
inter-pole, reversing pole, commutating pole
pôle (m) [auxiliaire] de commutation

добавочный *или* вспомогательный полюсъ (m)
polo (m) ausiliare
polo (m) de conmutación

7

---

a

Ankerwicklung (f), Läuferwicklung (f)
armature winding, rotor winding
enroulement (m) *ou* bobinage (m) d'induit

обмотка (f) якоря
avvolgimento (m) dell'indotto *o* dell'armatura
arrollamiento (m) de inducido

8

Windungszahl (f)
number of turns, number of windings
nombre (m) de spires, nombre (m) de tours

число (n) витковъ
numero (m) delle spire
número (m) de las espiras

9

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A—W

Leiter (m) auf das Polpaar
1 conductor per pair of poles
nombre (m) de conducteurs par paire de pôles

[число (n)] проводниковъ на пару полюсовъ
conduttori (mpl) per paio di poli
conductores (m pl) por [número (m) de] par de polos

Amperewindungen (f pl)
2 ampere-turns (pl)
ampères-tours (m pl)

амперв итки (m pl); амперобороты (m pl)
ampere-spire (f pl), spire-ampère (f)
amperios-vueltas (m pl)

Amperewindungszahl (f)
3 number of ampere-turns
nombre (m) d'ampères-tours

число (n) амперв итковъ
numero (m) di ampère-spire
número (m) de los amperios-vueltas

Amperedraht (m)
4 ampere wire
ampère-conducteur (m)

амперъ-проволока (f)
ampère-filo (m)
amperio-conductor (m)

Spulenwicklung (f)
concentrated winding, coil winding
5 enroulement (m) à bobines, enroulement (m) concentrique

обмотка (f), состоящая изъ ряда отдѣльныхъ катушекъ
avvolgimento (m) a bobine
arrollamiento (m) de carretes

---

kurzgeschlossene Ankerspule (f)
6 short-circuited armature coil
bobine (f) d'induit court-circuitée

короткозамкнутая катушка (f) якоря
bobina (f) d'indotto in corto-circuito
carrete (m) de inducido puesto en circuito corto

---

den Kurzschluß aufheben (v)
7 to remove the short-circuit
interrompre (v) le court-circuit

устранить короткое замыканіе
interrompere (v) *o* togliare (v) il corto-circuito
interrumpir (v) el circuito corto

Spulen in die Nut einlegen (v)
8 to put coils into the slot
introduire (v) les bobines dans les rainures

вложить (вкладывать) обмотку въ пазы *или* въ каналъ
disporre (v) le bobine *o* sezioni nelle scanalature
colocar (v) los carretes en las ranuras

Ankerkupfer (n)
9 armature copper, rotor copper
cuivre (m) d'induit, cuivre (m) de rotor

мѣдь (f) якоря
rame (m) dell'indotto *o* dell'armatura
cobre (m) del inducido

Ankerleiter (m)
10 armature-conductor
conducteur (m) d'induit

проводникъ (m) якоря
conduttore (m) dell'armatura *o* dell'indotto
conductor (m) *ó* alambre (m) del inducido

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Kupferleiter (m)
copper conductor
conducteur (m) en cuivre

мѣдный проводникъ (m)
conduttore (m) di rame
conductor (m) de cobre

1

Flachkupfer (n)
flat *or* strip copper
conducteur (m) plat *ou* méplat en cuivre

полосовая мѣдь (f)
rame (m) piatto
cobre (m) plano, llanta (f) de cobre

2

---

hochkant gewickelt (adj)
edgewise wound (adj), wound on edge
enroulé (adj) *ou* bobiné (adj) sur *ou* de champ

обмотанный на ребро; намотанный на ребро
avvolto (agg) di fianco *o* di costa
arrollado (adj) ó bobinado (adj) de canto

3

Oberstab (m)
upper bar
barre (f) supérieure

верхній стержень (m); верхняя полоса (f)
sbarra (f) superiore
barra (f) superior

4

Unterstab (m)
lower bar
barre (f) inférieure

нижній стержень (m); нижняя полоса (f)
sbarra (f) inferiore
barra (f) inferior

5

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vereinfachte Ständer- *oder* Statorwicklung (f)
simplified stator winding
enroulement (m) *ou* bobinage (m) simplifié *ou* imbriqué de stator

упрощённая обмотка (f) статора
avvolgimento (m) semplificato dello statore
arrollamiento (m) de estator simplificado

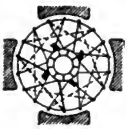
6

Wellenwicklung (f)
two-circuit winding, wave winding, series winding
enroulement (m) *ou* bobinage (m) ondulé

волнообразная обмотка (f)
avvolgimento (m) ondulato, avvolgimento (m) a zig-zag
arrollamiento (m) ondulado

7

Schleifenwicklung (f), Scheitelwicklung (f)
lap *or* multiple circuit winding
enroulement (m) imbriqué



петлеобразная обмотка (f)
avvolgimento (m) a laccio
arrollamiento (m) imbricado

8

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fortlaufende Wicklung (f)
continuous winding
enroulement (m) *ou* bobinage (m) continu

непрерывная обмотка (f)
avvolgimento (m) continuo
arrollamiento (m) continuo

9

---

die Wicklung aufschneiden (v)
to cut the winding
interrompre (v) l'enroulement

разрѣзать *или* перерѣзать обмотку
aprire (v) o tagliare (v) l'avvolgimento
cortar (v) el arrollamiento

10

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	die Wicklung umgreift eine volle Polteilung	обмотка (f) обхватываетъ полный полюсный шагъ
1	the winding embraces a full pole-pitch	l'avvolgimento abbraccia un intero passo polare
	l'enroulement embrasse un pas polaire entier	el arrollamiento abraza un paso polar completo
	Magnetwicklung (f)	обмотка (f) электромагнита
2	magnet winding, field winding	avvolgimento (m) del polo
	enroulement (m) *ou* bobinage (m) du champ magnétique	arrollamiento (m) del campo magnético
	gleichmäßig genuteter Stator (m)	статоръ (m), равномѣрно пропазованный
3	uniformly slotted stator	statore (m) scanalato uniformemente
	stator (m) à encoches égales	estator (m) de ranuras uniformes
	Schenkelkupfer (n)	мѣдь (m) электромагнитовъ
4	field copper	rame (m) del campo
	[quantité (f) de] cuivre (m) des (enroulements des) colonnes latérales	cobre (m) de las ramas polares
	Elektromagnet (m)	электромагнитъ (m)
5	electro-magnet	elettromagnete (m)
	électro-aimant (m), électro (m)	electroimán (m)
	sechspolig bewickeln (v)	намотать, образуя шесть полюсовъ
6	to wind six-polar	avvolgere (v) a sei poli
	enrouler (v) *ou* bobiner (v) à six pôles	arrollar (v) con seis polos

a

b

	Kraftfluß (m)	силовой потокъ (m)
7	flux of lines of force, magnetic flux	flusso (m) di forza
	flux (m) de force, champ (m) magnétique	flujo (m) de fuerza
	magnetisches Feld (n)	магнитное поле (n)
8	magnetic field	campo (m) magnetico
	champ (m) magnétique	campo (m) magnético
	Kraftlinienfeld (n)	поле(n)силовыхъ линій
9	magnetic field	campo (m) di linee di forza, campo (m) magnetico
	champ (m) de lignes de force	campo (m) de lineas de fuerza, campo (m) magnético

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Feldstärke (f), Felddichte (f)
field density
intensité (f) de champ

напряженіе(n) *или* сила (f) магнитнаго поля; плотность (f) *или* интенсивность (f) магнитнаго потока
intensità (f) del campo
intensidad (f) del campo

1

Kraftlinienzahl (f)
number of lines of force
nombre (m) de lignes de force

число (n) силовыхъ линій
numero (m) di linee di forza
número (m) de lineas de fuerza

2

Wendefeld (n)
commutating field
champ (m) [dans la ligue] de commutation

добавочное *или* вспомогательное поле (n)
campo (m) di commutazione
campo (m) de conmutación

3

---

ein Feld erzeugen (v)
to produce a field
engendrer (v) un champ

образов-ать (-ывать) поле
generare (v) un campo
producir (v) un campo

4

Einzelfeld (n)
single field
champ (m) simple

единичное поле (n)
campo (m) semplice
campo (m) componente ó sencillo

5

---

zusammengesetztes Feld (n)
combined field
champ (m) composé

составное поле (n)
campo (m) composto
campo (m) compuesto ó resultante

6

Drehfeld(n), Dreiphasenfeld (n)
three-phase field
champ (m) tournant, champ (m) triphasé

вращающееся поле (n); трёхфазное поле
campo (m) rotante
campo (m) trifásico ó rotatorio

7

---

pulsierendes Drehfeld (n)
pulsating rotating field
champ (m) tournant pulsatoire

пульсирующее вращающееся поле (n)
campo (m) rotante pulsatorio
campo (m) rotatorio pulsatorio

8

Magnetisierung (f)
magnetisation
aimantation (f)

намагниченіе (n); намагничиваніе (n)
magnetizzazione (f)
imanación (f)

9

Magnetisierungskurve (f)
magnetisation curve
courbe (f) d'aimantation

a

кривая(f) намагниченія
curva (f) di magnetizzazione
curva (f) de imanación

10

---

remanenter *oder* rückständiger Magnetismus (m)
residual magnetism
magnétisme (m) rémanent *ou* résiduel

b

остаточный магнитизмъ (m)
magnetismo (m) residuo
magnetismo (m) remanente

11

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	Einstellung (f) des Hilfsfeldes	установка (f) *или* отрегулированіе (n) добавочнаго поля
1	adjustment of the auxiliary field	regolazione (f) del campo ausiliare
	réglage (m) du champ auxiliaire	regulación (f) del campo auxiliar
	das Hilfsfeld einstellen (v)	установить *или* отрегулировать добавочное поле
2	to adjust the auxiliary field	regolare (v) il campo ausiliare
	régler (v) le champ auxiliaire	regular (v) el campo auxiliar
	rückwirkendes Feld (n)	поле (n) реакціи
	reacting field	campo (m) di reazione
3	champ (m) de réaction (d'induit), champ (m) transversal	campo (m) de reacción de inducido
	magnetisierende Kraft (f)	намагничивающая сила (f)
4	magnetising force	forza (f) magnetizzante
	force (f) magnétisante	fuerza (f) magnetizante
	Magnetisierungsstrom (m), wattloser Strom (m)	намагничивающій токъ (f); безваттный токъ
5	magnetisation current, wattless current	corrente (f) di magnetizzazione
	courant (m) dévatté, courant (m) de magnétisation	corriente (f) desvatiada, corriente (f) anergética
	Sättigung (f)	насыщеніе (n)
6	saturation	saturazione (f)
	saturation (f)	saturación (f)
	Eisensättigung (f)	насыщеніе (n) желѣза
7	saturation of iron	saturazione (f) del ferro
	saturation (f) du fer	saturación (f) del hierro
	Luftsättigung (f)	насыщеніе (n) воздуха
8	saturation of air	saturazione (f) dell' aria
	saturation (f) de l'air	saturación (f) del aire
	Ummagnetisierung (f)	перемагничиваніе (n)
	reversal of magnetism, magnotic reversal	inversione (f) della magnetizzazione
9	inversion (f) d'aimantation, renversement (m) d'aimantation	inversión (f) de la imanación
	magnetischer Kreis (m)	магнитная цѣпь (f)
10	magnetic circuit, magnetic circle	circuito (m) magnetico
	circuit (m) magnétique	circuito (m) magnético
	Kraftlinienverlauf (m)	путь (m) силовыхъ линій; путь линій силъ
11	path of lines of force	percorso (m) delle linee di forza
	trajet (m) des lignes de force	trayecto (m) de las lineas de fuerza

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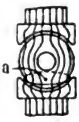

a

Ankerfluß (m), Ankerkraftfluß (m)
armature flux
flux (m) de l'induit *ou* traversant l'induit

силовой потокъ (m) якоря
flusso (m) nell' indotto
flujo (f) en el inducido

---

den Ankerfluß vernichten (v)
to destroy the armature flux
annuler (v) le flux dans l'induit

уничтожить силовой потокъ якоря
annullare (v) il flusso dell' indotto
anular (v) el flujo en el inducido

Ankerrückwirkung (f), Rotorreaktion (f)
armature reaction
réaction (f) d'induit

реакція (f) якоря; реакція ротора
reazione (f) d'indotto
reacción (f) del inducido

---

elektromotorische Kraft (f), E. M. K.
electromotive force, E. M. F.
force (f) électromotrice, f. é. m.

электродвижущая сила (f)
forza (f) elettromotrice
fuerza (f) electromotriz

---

elektromotorische Kraft (f) der Ruhe
electromotive force of rest
force (f) électromotrice statique *ou* au repos

электродвижущая сила (f) покоя
forza (f) elettromotrice in quiete *o* in riposo
fuerza (f) electromotriz estática

---

elektromotorische Kraft (f) der Bewegung
electromotive force of motion
force (f) électromotrice dynamique *ou* de rotation

электродвижущая сила (f) движенія
forza (f) elettromotrice in moto *od* in movimento
fuerza (f) electromotriz dinámica

---

elektromotorische Gegenkraft (f)
back *or* counter (A) electromotive force
force (f) contre-électromotrice

обратная электродвижущая сила (f)
forza (f) contro-elettromotrice
fuerza (f) contra-electromotriz

Gegenspannung (f)
back electro-motive force, B. E. M. F.
force (f) contre-électromotrice

противовозбудительная сила (f)
contro-tensione (f)
fuerza (f) contra-electromotriz

---

die elektromotorische Kraft aufheben (v)
to bring the electromotive force to zero, to compensate the E. M. F.
compenser (v) la force électromotrice

уничтожить *или* компенсировать электродвижущую силу
compensare (v) la forza elettromotrice
compensar (v) la fuerza electromotriz

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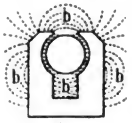
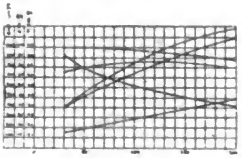
1 kompensieren (v) / to compensate / compenser (v) — компенсировать; уравновѣ-сить (-шивать) / compensare (v) / compensar (v)

2 Streufeld (n) / stray-field / champ (m) de dispersion *ou* de fuite — поле (n) утечки *или* разсѣянія / campo (m) di dispersione / campo (m) de dispersión



b

3 Charakteristik (f) / characteristic, characteristic curve / [courbe (f)] caractéristique (f) — характеристика (f) / caratteristica (f) / característica (f)



4 Drehsinn (m), Drehrichtung (f) / direction of rotation / sens (m) de rotation — направленіе (n) вращенія / verso (m) *o* senso (m) della rotazione / sentido (m) de rotación

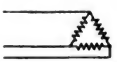
5 umsteuern (v) / to reverse / renverser (v) la marche — перемѣнить (мѣнять) направленіе хода / invertire (v) la marcia / invertir (v) la marcha

6 umsteuerbar (adj) / reversible (adj) / réversible (adj) — обратимый; реверсивный / riversibile (agg) / reversible (adj)

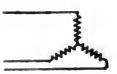
7 Umsteuerbarkeit (f) / reversibility / réversibilité (f) — обратимость (f); реверсивность (f) / riversibilità (f) / reversibilidad (f)

8 Schaltungsart (f) / method of connection / mode (m) de couplage *ou* de groupement — родъ (m) *или* способъ (m) соединенія / modo (m) di accoppiamento / modo (m) de acoplamiento *ó* agrupamiento

9 Dreieckschaltung (f) / △ connection, delta-connection, mesh-connection / couplage (m) en triangle — соединеніе (n) треугольникомъ / collegamento (m) a triangolo / conexión (f) en triángulo



10 Sternschaltung (f) / star-connected-system, star-connection / couplage (m) en étoile — соединеніе (n) звѣздой / collegamento (m) a stella / conexión (f) en estrella



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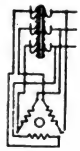
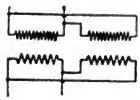
Dreiecksternschaltung (f)
mesh-star *or* delta-star connection
couplage (m) mixte en triangle et en étoile



соединение (n) треугольникомъ и звѣздой
accoppiamento (m) *o* collegamento (m) a triangolo ed a stella *1*
conexión (f) en triángulo y estrella

Gegenschaltung (f), Sparschaltung (f)
differential- *or* Sumpner's connection, back connection
couplage (m) en opposition, couplage (m) différentiel



противосоединение (n); соединение (n) Сумпнера
collegamento differenziale (m), collegamento (m) Sumpner *2*
conexiones (f pl) en oposición *ó* diferenciales

Stromzuleitung (f)
current lead
amenée (f) de courant

подводъ (m) тока
condotta (f) di corrente *3*
conducción (f) de corriente

Strom zuführen (v)
to lead current
amener (v) du courant

подводить токъ
condurre (v) la corrente *4*
conducir (v) la corriente

Strom beziehen (v)
to receive *or* obtain current
recevoir (v) le courant

получ-ить (-ать) токъ
prendere (v) la corrente *5*
recibir (v) la corriente

Stromverbrauch (m), [Stromkonsum (m)]
current consumption
consommation (f) de courant

расходъ (m) тока; потребленіе (n) тока
consumo (m) di corrente *6*
consumo (m) de corriente

Kraftverbrauch (m)
power consumption
consommation (f) *ou* dépense (f) d'énergie *ou* de force

потребленіе (n) энергіи; расходъ (m) энергіи
consumo (m) d'energia *o* di forza *7*
consumo (m) de energia *ó* de fuerza

Wattverbrauch (m)
watt consumption
puissance (f) consommée [exprimée] en watts; wattage (m) consommé *ou* dépensé, consommation (f) en watts

потребленіе (n) въ ваттахъ; расходъ (m) въ уаттахъ *8*
consumo (m) in watt
consumo (m) en vatios

---

zugeführte Leistung (f)
input, energy absorbed, power supplied
énergie (f) absorbée

подведённая *или* поглощённая мощность (f) *9*
potenza (f) assorbita
potencia (f) absorbida

Stromrichtung (f)
direction of current
sens (m) du courant

направленіе (n) тока
senso (m) *o* verso (m) *o* direzione (f) della corrente *10*
sentido (m) de la corriente

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die Ströme sind gleichgerichtet
the currents are unidirected
1 les courants sont de même sens

токи (m pl) направлены въ одну сторону
le correnti sono del medesimo senso *od* anno la stessa direzione
las corrientes tienen el mismo sentido

---

die Ströme sind entgegengesetzt gerichtet
the currents are opposed
2 les courants sont de sens contraires

токи (m pl) направлены въ противоположныя стороны
le correnti sono di senso contrario *od* anno senso contrario
las corrientes son de sentido contrario

Stromrückgewinnung (f)
recuperation *or* re-gaining of current
3 récupération (f) de courant

обратное полученіе (n) тока
ricupero (m) di corrente
recuperación (f) de corriente

Stromrückgabe (f)
return of current
4 restitution (f) de courant

обратная отдача (f) тока
restituzione (f) di corrente
restitución (f) de corriente

Kraftgewinn (m)
gain of power
5 gain (m) de puissance

выигрышъ (m) силы
guadagno (m) *o* ricupero (m) di forza
ganancia (f) de fuerza

---

der Motor wirkt bremsend
the motor acts as a brake
6 le moteur agit comme frein

двигатель (m) *или* моторъ (m) дѣйствуетъ какъ тормазъ
il motore agisce *o* fa da freno
el motor trabaja como freno

---

der Motor wirkt stromerzeugend
the motor acts as a dynamo
7 le moteur agit comme génératrice

двигатель (m) *или* моторъ (m) дѣйствуетъ какъ генераторъ
il motore agisce *o* fa da generatore *o* da dinamo
el motor trabaja en generador

---

als Generator arbeiten (v)
8 to work as a dynamo
travailler (v) comme génératrice

дѣйствовать *или* работать какъ генераторъ
funzionare (v) da generatore *o* da dinamo
trabajar (v) como generador

Spannung aufdrücken (v)
9 to impress voltage
soumettre (v) à un voltage *ou* une tension

приложить напряженіе
sottoporre (v) ad una tensione *od* ad un voltaggio
producir (v) una tensión

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an eine feste Spannung legen (v)
to be on constant voltage
fonctionner (v) sous un voltage déterminé

присоединять къ постоянному напряженію
essere (v) sotto una tensione determinata o costante
funcionar (v) á un voltaje determinado

---

funkenfreier Gang (m)
sparkless run
marche (f) sans étincelles

ходъ (m) безъ искренія *или* безъ искрообразованія
marcia (f) senza scintille
marcha (f) sin chispas

Bürstenfeuer (n)
brush-sparking
projection (f) d'étincelles aux balais, crachement (m) aux balais

искреніе (n) подъ щётками
scintillamento (m) *o* scintillio (m) alle spazzole
chisporroteo (m) de las escobillas

Kurzschluß verursachen (v)
to cause a short-circuit
occasionner (v) un court-circuit

вызвать короткое замыканіе
produrre (v) *o* causare (v) un corto-circuito
producir (v) un circuito corto

Kurzschlußfunke (m)
short-circuit spark
étincelle (f) de court-circuit

искра (f) короткаго замыканія
scintilla (f) di corto-circuito
chispa (f) de circuito corto

Funkenspannung (f)
sparking voltage
tension (f) due aux étincelles

напряженіе (n) искроваго промежутка
tensione (f) della produzione di scintille
tensión (f) producida por las chispas

Funkenunterdrückung (f)
suppression of sparks
suppression (f) des étincelles

уничтоженіе (n) искръ
soppressione (f) delle scintille
supresión (f) de las chispas

---

der Motor wird heiß
the motor becomes hot
le moteur s'échauffe

двигатель (m) *или* моторъ (m) нагрѣвается
il motore si scalda
el motor se calienta

---

den Motor voll ausnutzen (v)
to utilise the motor fully
utiliser (v) la pleine puissance du moteur

использовать полностью мощность двигателя *или* мотора
utilizzare (v) a pieno il motore *o* tutta la potenza del motore
utilizar (v) toda la potencia del motor

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den Motor kurzschließen (v)
to short-circuit the motor
1 courtcircuiter (v) le moteur, mettre (v) le moteur en court-circuit

замкнуть двигатель или моторъ на короткое
chiudere (v) il motore in corto-circuito
poner (v) el motor en circuito corto

Drehmoment (n)
twisting moment, torsional moment, torque
2 moment (m) de rotation, couple (m)

моментъ (m) вращенія; вращающій моментъ
coppia (f), momento (m) di torsione, momento (m) torcente
momento (m) de rotación

---

negatives Drehmoment (n)
negative torsional moment *or* torque
3 moment (m) de rotation négatif, couple (m) négatif

отрицательный моментъ (m) вращенія или вращающій моментъ
coppia (f) negativa, momento (m) di torsione negativo
momento (m) de rotación negativo

---

nutzbares Drehmoment (n)
effective *or* useful torsional moment *or* torque
4 moment (m) de rotation utile, couple (m) utile

полезный моментъ (m) вращенія или вращающій моментъ
coppia (f) utile, momento (m) di torsione utile
momento (m) de rotación útil

---

unter starker Belastung anlaufen (v)
to start under heavy load
5 démarrer (v) sous forte charge

брать или трогать съ мѣста при сильной нагрузкѣ
avviare (v) sotto forte carico
arrancar (v) con carga grande

Entlastung (f) des Motors
6 discharging *or* releaving the motor
décharge (f) du moteur

разгрузка (f) двигателя или мотора
scarico (m) del motore
descarga (f) del motor

---

bei Entlastung durchgehen (v)
7 to run away at no load
s'emballer (v) à vide

понести при разгрузкѣ
scappare (v) *o* partire (v) a vuoto
dispararse (v) al descargar

---

der Motor fällt ab
the motor speed falls *or* drops
8 la vitesse du moteur tombe, le moteur se décroche

двигатель (m) или моторъ (m) отпадаетъ
il motore perde i giri, la velocità del motore s'abbassa repentinamente
el motor vá mas despacio, el motor pierde el sincronismo

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der Motor arbeitet auf Widerstand
the motor works on resistance
le moteur travaille sur résistance

Ballastwiderstand (m)
loading resistance
résistance (f) *ou* rhéostat (m) de charge

---

die Belastung regeln (v)
to regulate the load
régler (v) la charge

---

die Geschwindigkeit regeln (v)
to regulate the speed
régler (v) la vitesse

---

stromlos werden (v)
to become currentless *or* wattless
ne plus être traversé par le courant

Streuung (f)
stray, leakage
dispersion (f), fuite (f)

Wirbelströme (m pl), Foucaultsche Ströme (m pl)
eddy-currents, Foucault currents
courants (m pl) parasites, courants (m pl) de Foucault

Wattverlust (m)
energy-loss (in watts), watt-loss
perte (f) de puissance *ou* de wattage

Wirbelstromverlust (m)
eddy-current loss, loss due to eddy-currents
perte (f) par courants parasites, perte (f) par courants de Foucault

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Hysteresis (f), magnetische Reibungsarbeit (f)
hysteresis
hystérésis (f)

Bürstenübergangswiderstand (m)
brush contact resistance
résistance (f) de contact des balais

двигатель (m) *или* моторъ (m) работаетъ на сопротивленіе
il motore lavora su una resistenza *1*
el motor trabaja sobre una resistencia

сопротивленіе (n) для нагрузки
resistenza-zavorra (f) *2*
reostato (m) de carga

регулировать нагрузку
regolare (v) il carico *3*
regular (v) la carga

регулировать скорость
regolare (v) la velocità *4*
regular (v) la velocidad

остаться безъ тока
non essere (v) più percorso dalla corrente *5*
quedarse (v) sin corriente

утечка (f); разсѣяніе (n)
dispersione (f) *6*
dispersión (f)

паразитные *или* вихревые токи (m pl); токи Фуко
correnti (f pl) di Foucault, correnti (f pl) parassite *7*
corrientes (f pl) parásitas, corrientes (f pl) de Foucault

потеря (f) ваттъ
perdita (f) in watt *8*
pérdida (f) en vatios

потеря (f) на токи Фуко
perdita (f) per correnti parassite, perdita (f) di Foucault *9*
pérdida (f) por corrientes parásitas *ó* por corrientes de Foucault

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гистерезисъ (m)
isteresi (f) *10*
histéresis (f)

сопротивленіе (n) контакта щётокъ
resistenza (f) di contatto alle spazzole *11*
resistencia (f) de contacto de las escobillas

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1	Bürstenreibung (f) brush friction frottement (m) des balais	трéніе (n) щётокъ attrito (m) delle spazzole frotamiento (m) ó roce (m) de las escobillas
2	Eisenverluste (m pl) iron-losses (pl) pertes (f pl) dans le fer	потери (f pl) въ желѣзѣ perdite (f pl) nel ferro pérdidas (f pl) en el hierro
3	Energieverlust (m) loss of energy perte (f) d'énergie	потеря (f) энергіи perdita (f) d'energia pérdida (f) de energia
4	Kupferverluste (m pl) copper-losses (pl) pertes (f pl) dans le cuivre	потери (f pl) въ мѣди perdite (f pl) nel rame pérdidas (f pl) en el cobre
5	Schlüpfung (f) slip glissement (m)	[относительное] скольженіе (n); [уменьшеніе (n) числа оборотовъ противъ теоретическаго въ %] slittamento (m), slip (m) resbalamiento (m), slip (m)
6	Schlupfwiderstand (m) slip-resistance résistance (f) due au glissement	сопротивленіе (n) скольженія resistenza (f) allo scorrimento resistencia (f) de deslizamiento
7	Verlust (m) in Watt auf 1 cdm loss in watts per cubic decimeter perte (f) en watts par décimètre cube (dm^3)	потеря (f) въ ваттахъ на кубическій дециметръ perdita (f) in watt per dm^3 pérdida (f) en vatios por dm^3
8	Verlust (m) auf 1 qdm Außenoberfläche loss per square decimeter of radiating surface perte (f) par décimètre carré (dm^2) de surface extérieure	потеря (f) на квадратный дециметръ внѣшней поверхности perdita (f) per dm^2 di superficie esterna pérdida (f) por dm^2 de superficie exterior
9	gegenseitige *oder* wechselseitige Induktion (f) mutual induction induction (f) mutuelle	взаимоиндукція (f) induzione (f) mutua inducción (f) mútua
10	Selbstinduktion (f) self-induction self-induction (f)	самоиндукція (f) autoinduzione (f), self-induzione (f) autoinducción (f), self-inducción (f)

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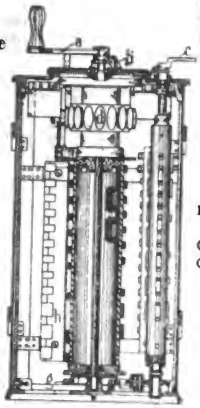
induzierter Strom (m), Sekundärstrom (m)
induced current, secondary current
courant (m) induit, courant (m) secondaire

индуктированный токъ (m); вторичный токъ
corrente (f) indotta
corriente (f) inducida ó secundaria 1

induktionsloser *oder* induktionsfreier Widerstand (m)
non-inductive resistance
résistance (f) non inductive

безъиндукціонное *или* неиндукціонное сопротивленіе (n)
resistenza (f) senza autoinduzione
resistencia (f) no-inductiva 2

3. Fahrschalter, Kontroller
Controller
Contrôleur de marche



Контроллеръ
Controller
Regulador, controler 3

Walzenschalter (m), Trommelschalter (m)
drum switch
contrôleur (m) à cylindres

цилиндрическій коммутаторъ (m)
controller (m) a cilindro
combinador (m) ó regulador (m) de cilindros 4

Schaltkurbel (f), Arbeitskurbel (f)
controller *or* switching handle
manivelle (f) de manœuvre

a

ручка (f) главнаго вала *или* цилиндра *или* барабана; [большая ручка контроллера]
manovella (f) di manovra, manovella (f) principale
manivela (f) de maniobra 5

Sicherungsbock (m)
stop block
arrêt (m) de sûreté

b

стоечка (f) ручки
arresto (m) di sicurezza
tope (m) de seguridad 6

Umschalthebel (m)
reversing switch lever *or* handle
manivelle (f) de renversement de marche

c

ручка (f) переключательнаго вала *или* цилиндра *или* барабана; [малая ручка контроллера]
leva (f) d'inversione [di marcia], leva (f) dell'invertitore
palanca (f) de inversión de marcha 7

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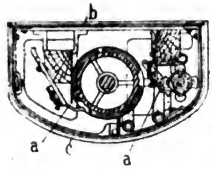
1	Funkenlöscher-kontaktstück (n) spark extinguishing contact piece contact (m) d'extincteur d'étincelles	d	контактъ (m) *или* контактная часть (f) искротушителя spegnitore (f) di scintille, pezzo (m) di contatto del spegniscintille pieza (f) de contacto de extinción de chispas
2	Sperrscheibe (f) arresting *or* interlocking disc disque (m) d'arrêt	g	установочная звѣзда (f) disco (m) d'arresto disco (m) de tope
3	Kontaktleiste (f) contact bar *or* frame planchette (f) à contacts	h	основная доска (f) контактныхъ пальцевъ listello (m) di contatto regla (f) de los contactos
4	Kontaktfinger (m) contact-finger frotteur (m)	 a	контактный палецъ (m) dito (m) di contatto frotador (m)
5	Verkleidung (f) cover, covering, casing enveloppe (f)	b	обшивка (f) rivestimento (m) revestimiento (m)
6	Schaltergehäuse (n) controller cover *or* case boite (f) du contrôleur	c	кожухъ (m) scatola (f) del regolatore, carcassa (f) caja (f) de regulador *ó* controler *ó* combinador
7	Fahrschalterklemme (f) controller terminal borne (f) de contrôleur		зажимъ (m) контроллера morsetto (m) del controller borna (f) de controler
8	Fingerkontakt (m) finger contact contact (m) à frotteur		пальцевидный *или* пальцеобразный контактъ (m) contatto (m) a dito contacto (m) de frotador
9	Funkenlöscher (m) spark extinguisher *or* blow-out extincteur (m) *ou* souffleur (m) d'étincelles		искротушитель (m) spegni-scintille (m) apaga-chispas (m)
10	Kontaktstellung (f) contact position position (f) de contact		положеніе (n) контакта posizione (f) del contatto posición (f) de contacto

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Kontaktvorrichtung (f)
contact device
dispositif (m) de contact

контактное приспособление (n)
dispositivo (m) di contatto 1
disposición (f) de contacto

Kontakthülse (f)
contact bush
douille (f) de contact

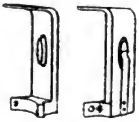
контактная гильза (f) *или* втулка (f)
bussola (f) *o* collare (m) di contatto 2
casquillo (m) de contacto

Abklappkontakt (m), Scharnierkontakt (m)
hinged contact
contact (m) à charnière

откидной контактъ(m): шарнирный контактъ
contatto (m) a cerniera 3
contacto (m) de charnela

der Kontakt liegt auf
the contact touches
le contact est appliqué sur . . .

контактъ (m) лежитъ на
il contatto preme su . . . 4
el contacto está aplicado á . . .



Wanderkontakt (m)
travelling contact
contact (m) mobile

вращающійся контактный палецъ (m)
contatto (m) scorrevole 5
contacto (m) móvil

Polschuhkontakt (m)
pole-shoe contact
contact (m) à épanouissement polaire

контактъ (m) [электро-] магнитной катушки
contatto (m) d'espansione polare 6
contacto (m) en forma de pieza polar

stromführender Teil (m)
line part, current-carrying part
partie (f) conductrice du courant

токопроводящая часть (f)
pezzo (m) conduttore, pezzo (m) sotto corrente 7
parte (f) conductora de la corriente

Stromübergang (m)
passage of current
passage (m) du courant

переходъ (m) тока
passaggio (m) di corrente 8
paso (m) de corriente

Übergangsquerschnitt (m)
passage cross section
section (f) de passage

поперечное сѣченіе (n) перехода
sezione (f) di passaggio 9
sección (f) de paso

Schaltrad (n)
controller *or* switch wheel
volant (m) de commande

маховичокъ (m) для включенія
ruota (f) *o* volantino (m) di manovra 10
volante (f) de maniobra

a

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1 Schaltwelle (f)
controller drum *or* cylinder
arbre (m) de commande

контактный валъ (m)
cilindro (m) *od* albero (m) di manovra
árbol (m) de maniobra

---

2 Asbestzwischenlage (f)
asbestos layer
couche (f) intermédiaire d'asbeste *ou* d'amiante

азбестовая прокладка (f)
interposizione(f) *o* strato (m) interposto di asbesto *o* d'amianto
capa (f) intermedia de amiante

---

3 Sperrung (f)
locking
arrêt (m), blocage (m)

[механизмъ:] остановъ (m) контактнаго вала; [дѣйствіе:] задержка (f) ручки въ опредѣленныхъ положеніяхъ
arresto (m), blocco (m)
parada (f), enclavamiento (m)

---

4 Arretierungshebel (m)
stopping *or* arresting lever
levier (m) d'arrêt

арретировочный рычагъ (m); арретиръ (m)
leva (f) d'arresto
palanca (f) de enclavamiento

---

5 mechanisch verriegeln (v)
to lock mechanically
verrouiller (v) mécaniquement

задерживать механически
arrestare (v) *o* chiudere (v) *o* bloccare (v) con catenaccio
enclavar (v) mecánicamente

---

6 Blockierungshebel (m)
blocking *or* locking lever
levier (m) de blocage

блокирующій *или* блокировочный рычагъ (m)
leva (f) di blocco
palanca (f) de bloqueo

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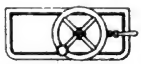
7 vierkantiger Fahrschalter (m)
rectangular controller
contrôleur (m) carré



контроллеръ (m) четырёхугольной формы
controller (m) quadrangolare
regulador (m) rectangular

---

8 halbrunder Fahrschalter (m)
semi-cylindrical controller
contrôleur (m) demi-circulaire

контроллеръ (m) полукруглой формы
controller (m) semi-circolare
regulador (m) semi-circular

---

9 halb ovaler Fahrschalter (m)
half-oval controller
contrôleur (m) demi-ovale

контроллеръ (m) полуовальной формы
controller (m) semi-ovale
regulador (m) semi-ovalado

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ovaler Fahrschalter (m) oval controller contrôleur (m) ovale	контроллеръ (m) овальной формы controller (m) ovale regulador (m) ovalado	1
ausgebauter Fahrschalter (m) free-standing controller contrôleur (m) entièrement en saillie	контроллеръ (m), выступающій наружу controller (m) intera mente sporgente regulador (m) saliente	2
eingebauter Fahrschalter (m) built-in controller contrôleur (m) entièrement encastré	утопленный *или* невыступающій контроллеръ (m) controller (m) incassato regulador (m) encajado	3
halb ausgebauter Fahrschalter (m) controller partly built-in contrôleur (m) demi-encastré	полуутопленный *или* полувыступающій контроллеръ (m) controller (m) semincassato regulador (m) semisaliente	4
Reihenparallelschalter (m) series-parallel controller contrôleur (m) série-parallèle	послѣдовательнопараллельный контроллеръ (m) controller (m) in serie-parallelo regulador (m) en serie y paralelo	5
Reihenparallelschaltung (f) series-parallel connection couplage (m) en série-parallèle	послѣдовательно-параллельное соединение (n) *или* включеніе (n) accoppiamento (m) in serie-parallelo, regolazione (f) serie-parallela acoplamiento (m) en serie y paralelo	6
reine Widerstandschaltung (f) simple resistance connection combinaison (f) *ou* couplage (m) uniquement avec résistance	чистая реостатная регулировка (f) (однимъ реостатомъ) accoppiamento (m) *o* collegamento (m) semplice reostatico, regolazione (f) a semplice reostato acoplamiento (m) unicamente con resistencia	7
gemischte Widerstandschaltung (f) combined resistance connection combinaison (f) *ou* couplage (m) avec résistance et variation du champ magnétique, couplage (m) combiné	смѣшанная реостатная регулировка (f) accoppiamento (m) *o* collegamento (m) reostatico misto acoplamiento (m) con resistencia y variación del campo magnético, acoplamiento (m) combinado	8

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1	Stufenschaltung (f) step connection couplage (m) graduel *ou* avec positions de transition	включеніе (n) по секціямъ *или* по ступенямъ accoppiamento (m) *o* regolazione (f) per gradi acoplamiento (m) gradual
2	Schaltordnung (f) order of connection ordre (m) (des positions) de couplage *ou* des combinaisons	порядокъ (m) включенія ordine (m) dell' accoppiamento *o* dei collegamenti orden (m) de las posiciones de acoplamiento
3	Haltstellung (f) stop position position (f) d'arrêt	положеніе (n) остановки posizione (f) d'arresto *o* di fermo posición (f) de parada
4	Nullstellung (f) zero position position (f) de zéro	положеніе (n) нуля posizione (f) di zero posición (f) de cero
5	Totkontakt (m) dead contact contact (m) au point mort	холостой контактъ (m) contatto (m) morto contacto (m) en el punto muerto
6	auf die erste Stufe schalten (v) to put on *or* to cut in the first step mettre (v) à la première position	поставить *или* включить на первое положеніе *или* на первую ступень mettere (v) alla prima tacca *od* al primo tasto poner (v) en la primera posición
7	den Strom einschalten (v) to put on the current lancer (v) le courant, fermer (v) le circuit	включ-ить (-ать) токъ lanciare (v) la corrente, chiudere (v) il circuito cerrar (v) el circuito
8	den Stromkreis schließen (v) to close the circuit fermer (v) le circuit	зам-кнуть(-ыкать) цѣпь chiudere (v) il circuito dar (v) corriente
9	Stromschluß (m) closing of the circuit fermeture (f) du circuit	замыканіе (n) цѣпи chiusura (f) del circuito cierre (m) del circuito
10	Anfahrstromstärke (f) starting intensity of current intensité (f) [du courant] de démarrage	сила (f) тока при троганіи съ мѣста intensità (f) della corrente d'avviamento intensidad (f) de la corriente de arranque
11	Schaltstellung (f) switch position position (f) de couplage	положеніе (n) включенія posizione (f) di accoppiamento posición (f) de acoplamiento

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unterStrom umschalten (v)
to reverse under current
commuter (v) sous courant

переключ-ить (-ать), не прерывая тока *или* подъ токомъ
commutare (v) sotto corrente
conmutar (v) sin interrumpir el circuito

Hintereinanderschaltung (f)
series connection
couplage (m) [en] série

послѣдовательное соединеніе (n)
accoppiamento (m) in serie
acoplamiento (m) en serie

Motoren in Reihe schalten (v)
to connect motors in series
grouper (v) les moteurs en série

соедин-ить (-ять) *или* включ-ить (-ать) двигатели послѣдовательно
accoppiare (v) i motori in serie
acoplar (v) los motores en serie

---

auf Parallelschaltung übergehen (v)
to change *or* to go over to parallel connection
passer (v) au groupement en parallèle

перейти на параллельное соединеніе
passare (v) all' accoppiamento in parallelo
pasar (v) al acoplamiento en paralelo

Übergangstufe (f)
transition step
degré (m) de transition

переходная ступень (f)
tasto (m) *o* contatto (m) intermediario *o* di passaggio
grado (m) de cambio

Übergangstellung (f)
transition position
position (f) de transition

переходное положеніе (n)
posizione (f) intermediaria *o* di passaggio
posición (f) de cambio

Parallelschaltung (f) der Motoren
parallel connection of the motors
mise (f) en parallèle des moteurs

параллельное соединеніе (n) двигателей
accoppiamento (m) *o* messa (f) in parallelo dei motori
puesta (f) en paralelo de los motores

---

parallel arbeiten (v)
to work in parallel
marcher (v) en parallèle

параллельно работать; работать при параллельномъ соединеніи
lavorare (v) *o* marciare (v) in parallelo
trabajar (v) en paralelo

Widerstandstufe (f)
resistance step
résistance (f) à introduire graduellement

ступень (f) сопротивленія *или* реостата
grado (m) di resistenza
grado (m) de resistencia

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Widerstandregelung (f)
resistance regulation,
1 rheostatic control
réglage (m) au moyen de la resistance

---

die Widerstände nach und nach abschalten (v)
2 to cut out the resistances gradually
mettre (v) les résistances graduellement hors circuit

---

gruppenweise abschalten (v)
3 to cut out in groups
déconnecter (v) par groupes

Abstufung (f) der Motorstromstärken
graduation of the motor
4 currents
gradation (f) de l'intensité du courant du moteur

Fahrstufe (f)
running step
5 contact (m) *ou* cran (m) de marche

Arbeitstellung (f)
6 working position
position (f) de travail

Laufstellung (f), Dauerfahrstellung (f)
7 running position
position (f) de pleine marche

---

den Strom ausschalten (v)
8 to switch *or* cut off the current
interrompre (v) *ou* couper (v) le courant

Nebenschlußstufe (f)
shunt step
9 contact (m) *ou* position (f) de shunt

регулированіе (n) сопротивленія; регулированіе сопротивленіемъ
regolazione (f) reostatica
regulación (f) por resistencia

выключать сопротивленія постепенно
mettere (v) gradualmente fuori circuito le resistenze, escludere (v) gradualmente le resistenze
poner (f) fuera de circuito las resistencias paulatinamente

отключать по группамъ
escludere (v) *o* disinserire (v) per gruppi
poner (v) fuera de circuito por grupos

градація (f) силы тока двигателей *или* моторовъ
graduazione (f) dell'intensità di corrente del motore
graduación (f) de la intensidad de corriente del motor

ѣздовая ступень (f)
tasto (m) *o* contatto (m) di marcia
contacto (m) de marcha

рабочее положеніе (n)
posizione (f) di lavoro *o* di marcia
posición (f) de trabajo

ѣздовое положеніе (n)
posizione (f) di piena corsa *o* di marcia
posición (f) de marcha duradera *ó* de plena marcha

выключ-ить (-ать) токъ
interrompere (v) la corrente
interrumpir (v) la corriente

шунтовая ступень (f)
tasto (m) *o* grado (m) di shunt *od* a campo sciuntato
contacto (m) de shunt

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Nebenschlußstellung (f) shunt position position (f) avec shunt		шунтовое положеніе (n) posizione (f) di campo sciuntato posición (f) de shunt
Bremsstufe (f) brake step position (f) *ou* contact (m) de freinage		ступень (f) тормаженія tasto (m) *o* grado (m) di freno contacto (m) de freno
Gegenstromstufe (f) counter *or* back-current step position (f) *ou* contact (m) de contre-courant		ступень (f) обратнаго тока tasto (m) *o* grado (m) di contro-corrente contacto (m) de contra-corriente
Kurzschlußbremsung (f) short-circuit braking freinage (m) par court-circuit		тормаженіе (n) при короткомъ замыканіи frenaggio (m) a corto-circuito freno (m) de circuito corto
elektrische Bremsung (f) electric braking freinage (m) électrique		электрическое торможеніе (n) frenatura (f) elettrica frenado (m) eléctrico
Kurzschlußstufe (f) short-circuit step position (f) avec court-circuit		ступень (f) короткаго замыканія tasto (m) *o* grado (m) di corto-circuito contacto (m) de circuito corto
Kurzschlußwiderstand (m) short-circuit resistance résistance (f) en court-circuit		сопротивленіе (n) при короткомъ замыканіи resistenza (f) di corto-circuito resistencia (f) de circuito corto
Kurzschlußstrom (m) short-circuit current courant (m) de court-circuit		токъ (m) при короткомъ замыканіи corrente (f) di corto-circuito corriente (f) de circuito corto
Belastungswiderstand (m) loading resistance résistance (f) de charge		нагрузочное сопротивленіе (n); реостатъ (m) для нагрузки resistenza (f) di carico resistencia (f) de carga
künstliche Belastung (f) artificial load *or* loading charge (f) artificielle (par résistance)		искусственная нагрузка (f) carico (m) artificiale carga (f) artificial
auf Halt stellen (v) to put on „stop" mettre (v) sur arrêt		поставить на „стопъ" *или* на „стой" mettere (v) sull'arresto *od* a zero poner (v) en „parada"

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Funke (m)
1 spark
étincelle (f)

искра (f)
scintilla (f)
chispa (f)

Unterbrechungsfunke (m)
2 break spark, breaking spark
étincelle (f) de rupture

искра (f) при размыкании; искра размыканія
scintilla (f) di rottura *o* disruttiva
chispa (f) de ruptura

Unterbrechungslichtbogen (m)
3 break *or* interruption arc
arc (m) de rupture

вольтова дуга (f) при размыканіи
arco (m) di rottura *o* di apertura
arco (m) de ruptura

---

den Funken löschen (v)
4 to extinguish the spark
éteindre (v) l'étincelle

тушить искру
spegnere (v) la scintilla
apagar (v) la chispa

---

den Unterbrechungsfunken ausblasen (v)
5 to blow out the interruption spark
souffler (v) l'étincelle de rupture

гасить *или* задувать искры при размыканіи
soffiare (v) la scintilla d'interruzione
apagar (v) la chispa de ruptura

---

magnetischer Funkenlöscher (m)
6 magnetic spark extinguisher *or* blow-out
souffleur (m) magnétique, extincteur (m) magnétique d'étincelles

магнитный искротушитель (m)
spegni-scintille (m) magnetico, estintore (m) magnetico, soffiatore (m)
apaga-chispas (m) magnético, soplador (m) magnético

Fingerfunkenlöschung (f)
7 finger spark-extinguishing *or* blowing-out
extinction (f) des étincelles du frotteur

искротушеніе (n) пальцевидными контактами
spegni-scintille (m) a mandrino
extinción (f) de las chispas del frotador

---

feststehender Funkenlöscherkontakt (m)
8 fixed spark blow-out contact
contact (m) fixe du souffleur d'étincelles

неподвижный контактъ (m) искротушителя
contatto (m) spegni-scintille fisso
contacto (m) fijo del apaga-chispas

Funkenlöscherspule (f), Bläserspule (f)
blow-out coil, spark blowing coil
9 bobine (f) d'extinction, bobine (f) de soufflage d'étincelles, souffleur (m) électromagnétique d'étincelles à bobine

катушка (f) искротушителя
bobina (f) di estinzione delle scintille, soffiante (m)
carrete (m) de extinción de chispas, bobina (f) del soplador de chispas

---

Blasmagnet (m)
10 blow-out magnet
électro[-aimant] (m) souffleur

магнитъ (m) для [магнитнаго] дутья
magnete (m) soffiante
electro-imán (m) apaga-chispas *ó* soplador

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Funkenlöscherplatte (f)
spark blow-out plate
plaque (f) d'extincteur d'étincelles

пластина (f) *или* доска (f) искротушителя
piastra (f) dello spegniscintille
placa (f) del apaga-chispas

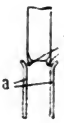
1

Funkenlöscherwalze (f)
blow-out drum *or* cylinder
cylindre(m)d'extincteur d'étincelles

цилиндръ (m) искротушителя
cilindro (m) dello spegniscintille
cilindro (m) del apagachispas

2

Unterbrechungstelle (f)
point of break, break point (m) d'interruption



a

мѣсто (n) перерыва
punto (m) di interruzione
punto (m) de interrupción

3

Schmelzperle (f), Schmorperle (f)
molten drops
perle (f) de fusion

b

шарики (m pl), образовавшіеся при расплавленіи
perla (f) di fusione *o* di bruciatura
perla (f) de fusión

4

---

den Kontakt verbrennen (v)
to burn the contact
brûler (v) le contact

сжечь контактъ
bruciare (v) il contatto
quemar (v) el contacto

5

Vielfachsteuerung
Multiple Control
Commande multiple

Сложное управленіе
Controllo multiplo
Maniobra múltiple

6

Zugsteuerungssystem (n)
train control system
système (m) de réglage du courant pour train électrique

система (f) управленія поѣздомъ
sistema (m) a controllo multiplo
sistema (m) de regulación para tren eléctrico

7

Leitungsschema (n) für Lokomotiven
diagram of locomotive connections
schéma (m) des connexions pour locomotives (électriques)

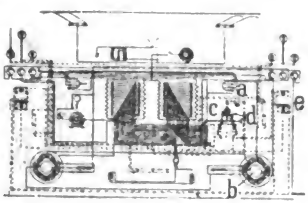


схема (f) проводовъ локомотива (электровоза)
schema (m) delle connessioni per condutture della locomotiva *o* locomotore
esquema (m) de conexiones de la locomotora (eléctrica)

8

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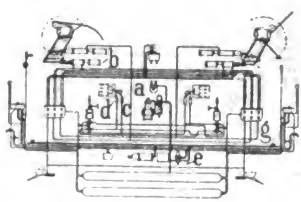
1	Motorschalter (m) motor-switch interrupteur (m) du moteur	a	моторный выключатель (m) interruttore (m) del motore interruptor (m) del motor
2	Achsentriebmotor (m) axle driving motor moteur (m) commandant l'essieu	b	двигатель (m), вращающій ось вагона motore (m) posto sull'asse *o* comandante l'asse motor (m) de impulsión de los ejes
3	Steuermotor (m) control motor moteur (m) de commande du réglage	c	двигатель (m) для управленія motore (m) di manovra motor (m) de maniobra de los aparatos de regulación
4	Wechseltrieb (m) reversing gear commande (f) du changement de mouvement, engrenage (m) d'inversion (du régulateur)	d	перемѣнная передача (f) rotismo (m) riversibile, modificatore (m) di velocità contramarcha (f) de inversión *ó* cambio de marcha
5	Rücklaufschaltwalze (f) reversing drum inverseur (m) (du régulateur)	e	валъ (m) *или* цилиндръ (m) обратнаго хода tamburo (m) invertitore, invertitore (m) a controller cilindrico, cilindro (m) per marcia indietro tambor (m) del regulador para marcha atrás
6	Stromweg (m) path of current circuit (m) du courant		путь (m) тока percorso (m) della corrente circuito (m) de la corriente
7	Steuerleitung (f) control main conducteur (m) du courant de réglage		проводъ (f) для управленія conduttura (f) di manovra conductor (m) de la corriente de regulación
8	Lokomotivrohrschema (n) diagram of locomotive conduits schéma (m) de la tuyauterie (à air comprimé) pour locomotives électriques		система (f) трубъ локомотива (электровоза) schema (m) delle tubazioni per locomotiva esquema (m) de la tubería [de aire comprimido] de la locomotora eléctrica

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Luftdruckschalter (m) pneumatic switch interrupteur (m) à air comprimé	a	пневматическій выключатель (m) interruttore (m) ad aria compressa interruptor (m) de aire comprimido	1
Verzögerungszylinder (m) retardation drum *or* cylinder cylindre (m) amortisseur	b	замедляющій цилиндръ (m) cilindro (m) ritardatore, smorzatore (m) cilindro (m) amortizador	2
Einschaltzylinder (m) switching-in cylinder, main drum cylindre (m) (de commande) de la mise en circuit	c	цилиндръ (m) включенія cilindro (m) inseritore cilindre (m) de intercalación	3
Ausschaltzylinder (m) disconnecting *or* cut-out drum *or* cylinder cylindre (m) [de commande] de la mise en circuit	d	цилиндръ (m) выключенія cilindro (m) interruttore cilindro (m) de interrupción	4
Steuerventil (n) control valve valve (f) de manœuvre	e	распредѣлительный клапанъ (m) valvola (f) di manovra válvula (f) de maniobra	5
Fußventil (n) foot valve valve (f) à pédale	g	ножной клапанъ (m) *или* вентиль (m) valvola (f) a pedale válvula (f) de pedal	6
Wechselstromfahrschalter (m) alternating-current controller contrôleur (m) [à courant] alternatif		контроллеръ (m) перемѣннаго тока controller (m) per corrente alternata regulador (m) ó combinador (m) de corriente alterna	7
Hauptwalze (f) main drum *or* cylinder cylindre (m) principal		главный валъ (m) *или* цилиндръ (m) *или* барабанъ (m) cilindro (m) principale cilindro (m) ó tambor (m) principal	8
Schaltwalze (f) switch-drum cylindre (m) de mise en circuit		валъ (m) *или* барабанъ (m) *или* цилиндръ (m) контроллера cilindro (m) di controller cilindro (m) conectador del regulador	8
Hauptschaltwalze (f) main switch-drum cylindre (m) principal de mise en circuit		главный валъ (m) *или* барабанъ (m) *или* цилиндръ (m) контроллера cilindro (m) principale del controller cilindro (m) principal conectador del regulador	10

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1 Abschaltwalze (f)
disconnecting *or* cut-out drum
cylindre (m) de mise hors circuit

разобщающій (разобщаемый) валъ (m) *или* цилиндръ (m) *или* барабанъ (m)
cilindro (m) d'interruzione
cilindro (m) desconectador

2 Umschaltwalze (f)
reversing switch-drum, reversing drum
cylindre (m) inverseur

переключающій валъ (m) *или* цилиндръ (m); барабанъ (m) для переключенія
cilindro (m) d'inversione
cilindro (m) de inversión

3 Stufenschalter (m)
step switch
interrupteur (m) à plusieurs contacts

ступенчатый выключатель (m)
interruttore (m) a gradi
interruptor (m) de contactos escalonados

4 Stufenschaltvorrichtung (f)
step switch device
dispositif (m) de couplage graduel

приспособленіе (n) для постепеннаго включенія
dispositivo (m) di accoppiamento a gradi
disposición (f) de acoplamiento escalonado

5 Steuerschalter (m), Meisterschalter (m)
principal *or* main controller, master (A)
contrôleur (m) *ou* interrupteur (m) de commande

контроллеръ (m) для управленія
controller (m) di comando
regulador (m) de maniobra

6 Fahrtrichtungschalter (m)
commutator switch
commutateur (m) de sens de marche

переключатель (m) направленія движенія
inseritore (m) di direzione di marcia, invertitore (m)
conmutador (m) de dirección

7 Anlaßhahn (m)
starting-cock
robinet (m) de démarrage

пусковой кранъ (m)
robinetto (m) d'avviamento
grifo (m) ó llave (f) de arranque

8 Kurzschließer (m)
short-circuiter
court-circuiteur (m), commutateur (m) de mise en court circuit

замыкатель (m) на короткое
interruttore (m) di corto-circuito
conmutador (m) de puesta en circuito corto

Verteilungskasten (m)
distribution-box
boîte (f) de distribution

распредѣлительный ящикъ (m)
cassetta (f) di distribuzione
caja (f) de distribución

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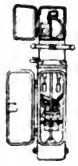

Primärschalter (m)
primary switch
interrupteur (m) primaire

первичный выключатель (m)
interruttore (m) primario
interruptor (m) primario

1

Anlaß- und Regelungswiderstand (m)
starting and regulating resistance
[rhéostat (m)] démarreur-régulateur (m), rhéostat-regulateur (m) de mise en marche

пусковой и регулировочный реостать (m)
resistenza (f) d'avviamento e di regolazione
reostato (m) regulador y de puesta en marcha

2

Regelung (f) der Geschwindigkeit
speed regulation
réglage (m) de la vitesse

регулированіе (n) скорости
regolazione (f) della velocità
regulación (f) de la velocidad

3

Stromrichtungsänderung (f)
reversal of current
changement (m) du sens du courant

измѣненіе (n) направленія тока
cambiamento (m) *od* inversione (f) del senso della corrente
inversión (f) de la corriente

4

Steuerung (f)
control
commande (f)

управленіе (n)
comando (m)
maniobra (f)

5

Umsteuerung (f) (einer Maschine)
reversal (of a machine)
changement (m) de marche, renversement (m) de [la] marche (d'une machine)

перемѣна (f) хода (машины)
cambiamento (m) *od* inversione (f) di marcia [d'una macchina]
cambio (m) de marcha de una máquina

6

---

elektrisch steuern (v)
to control electrically
commander (v) électriquement

управлять электрически *или* посредствомъ электричества
comandare (v) elettricamente
maniobrar (v) eléctricamente

7

Steuerstrom (m)
controlling current
courant (m) de commande

токъ (m) для управленія
corrente (f) di comando
corriente (f) de maniobra

8

Arbeitstrom (m)
open circuit [current], working current
courant (m) de marche

рабочій токъ (m)
corrente (f) di lavoro
corriente (f) de trabajo

9

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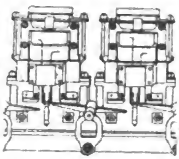
1 Hüpfschalter (m), Hüpfer (m), Schütze (f)
jumping switch, magnetic cut-out
interrupteur (m) à rupture brusque (électromagnétique)

выключатель (m) съ перескакивающимъ затворомъ
interruttore (m) a salterello, combinatore (m) mobile
interruptor (m) saltante

---

2 Hüpfschalterverriegelung (f)
locking of jump-switch, magnetic cut-out closing gear
blocage (m) *ou* verrouillage (m) des interrupteurs (électro-magnétiques)



перескакивающій затворъ (m) выключателей
dispositivo (m) di arresto per gli interruttori a salterello
enclavamiento (m) para interruptor saltante

---

3 Viermotorenschalter(m)
four-motor switch
contrôleur (m) pour quatre moteurs

четырёхмоторный контроллеръ (m)
controller (m) per quattro motori
combinador (m) ó regulador (m) para cuatro motores

---

4 Einphasenstromzugmagnet (m)
single-phase-magnet
électro[-aimant] (m) monophasé agissant par traction

тяговой [электро]магнитъ (m) однофазнаго тока
magnete (m) di trazione a corrente monofase, [elettro]magnete (m) monofase a trazione
imán (m) de tracción de corriente monofásica

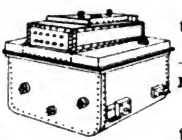
---

5 Hochspannungsölschalter (m)
high-tension oil switch
contrôleur (m) à huile à haute tension

масляный выключатель (m) высокаго напряженія
controller (m) ad olio per alta tensione, interruttore (m) ad olio
regulador (m) de aceite para alta tensión

---

6 Wagentransformator(m)
car transformer
transformateur (m) de voiture



вагонный трансформаторъ (m)
trasformatore (m) da vettura
transformador (m) de vagón

---

7 Einphasenstromöltransformator (m)
single-phase oil transformer
transformateur (m) monophasé à huile

масляный трансформаторъ (m) однофазнаго тока
trasformatore (m) monofase ad olio
transformador (m) monofásico en aceite

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Stufentransformator (m)
step transformer
transformateur (m) subdivisé

секціонированный трансформаторъ (m)
trasformatore (m) a gradini
transformador (m) escalonado

Reglertransformator (m)
regulating transformer
transformateur (m) de réglage

регулирующій трансформаторъ (m)
trasformatore (m) regolatore
transformador (m) de regulación

Wagenkabel (n)
car-cable
câble (m) de voiture

вагонный проводъ (m)
cavo (m) da vettura
cable (m) de vagón

Hilfstransformator (m)
auxiliary transformer
transformateur (m) auxiliaire

вспомогательный трансформаторъ (m)
trasformatore (m) ausiliare
transformador (m) auxiliar

Bremseinrichtung für elektrische Bahnen

Brake Equipment for Electric Railways

Freins pour trains électriques

Тормазныя устройства для электрическихъ дорогъ

Apparecchi di frenaggio per ferrovie elettriche

Frenos para trenes eléctricos

Motorwagenbremse (f)
motor car brake
frein (m) de voiture motrice

тормазъ (m) вагона-двигателя *или* моторнаго вагона
freno (m) per vettura motrice *od* automotrice
freno (m) de coche automotor

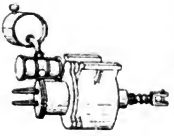
Anhängewagenbremse (f)
trailer car brake
frein (m) de voiture remorquée

тормазъ (m) прицѣпного вагона
freno (m) per vettura rimorchiata
freno (m) de coche de remolque

Scheibenbremse (f)
disc brake
frein (m) à disque [électro-magnétique]

дисковый тормазъ (m)
freno (m) a disco *od* a puleggia
freno (m) de disco

Dauerstrombremse (f)
closed circuit brake
frein (m) [avec commande] à courant permanent



тормазъ (m) продолжительнаго дѣйствія
freno (m) a corrente continua
freno (m) con mando de corriente permanente

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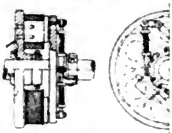
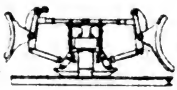
Solenoidbremse (f)
1 solenoid brake
frein (m) à solénoïde

соленоидный тормазъ (m)
freno (m) a solenoide
freno (m) de solenoide



Wirbelstrombremse (f)
eddy-current brake
2 frein (m) [à courants] de Foucault, frein (m) à courants parasites

тормазъ (m), дѣйствующій токами Фуко
freno (m) a correnti parassite *o* di Foucault
freno (m) de corrientes parásitas *ó* de corrientes de Foucault



elektromagnetische Schienenbremse (f)
3 electromagnetic rail brake
frein (m) électromagnétique sur rail

электромагнитный рельсовый тормазъ (m)
freno (m) elettromagnetico
freno (m) electromagnético sobre carril

Bremsstrom (m)
4 brake current
courant (m) de freinage

токъ (m) тормаженія
corrente (f) di freno
corriente (f) de frenado

Bremsstromstärke (f)
strength of brake current
5 intensité (f) du courant de freinage

сила (f) тока тормаженія
intensità (f) della corrente di freno
intensidad (f) de la corriente de frenado

die Bremse entmagnetisieren (v)
6 to demagnetise the brake
desaimanter (v) le frein

размагни-тить(-чивать) тормазъ
smagnetizzare(v)il freno
desimanar (v) el freno

Entmagnetisierungswiderstand (m)
7 demagnetising resistance
résistance (f) *ou* retard (m) à la désaimantation

сопротивленіе (n) размагничиванію
resistenza (f) smagnetizzante
resistencia (f) desmagnetizante

entmagnetisierende Wirkung (f)
8 demagnetising effect
action (f) démagnétisante

размагничивающее дѣйствіе (n)
azione (f) smagnetizzante
acción (f) desmagnetizante

elektrische Bremse (f)
9 electric brake
frein (m) électrique

электрическій тормазъ (m)
freno (m) elettrico
freno (m) eléctrico

Bremskontroller (m)
10 brake controller
contrôleur (m) de frein[age]

тормазной контроллеръ (m)
controller (m) del freno
regulador (m) de freno

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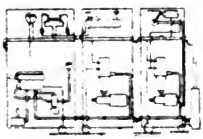
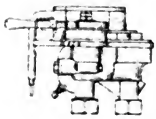
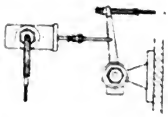
Bremswalze (f) brake drum cylindre(m) de frein[age]		тормазной валъ (m) *или* цилиндръ (m) tamburo (m) del freno cilindro (m) *ó* tambor (m) de freno	*1*
elektrisch-pneumatisch gesteuerte Bremse (f) electro-pneumatic brake frein (m) à commande électro-pneumatique		электро-пневматически управляемый тормазъ (m) freno (m) a comando elettro-pneumatico freno (m) con accionamiento eléctro-neumático	*2*
Luftdruckbremse (f) mit elektrischer Steuerung pneumatic brake with electric control frein (m) à air comprimé à commande électrique		пневматическій тормазъ (m) съ электрическимъ управленіемъ freno (m) pneumatico a comando elettrico *od* ad aria compressa freno (m) de aire comprimido con maniobra eléctrica	*3*
Anschlußbrett (n) connection board planchette (f) *ou* tablette (f) des connexions		присоединительная доска (f) quadro (m) *o* tavoletta (f) dei collegamenti tablero (m) de las conexiones	*4*
Bremsschalter (m) brake control valve interrupteur (m) pour frein		выключатель (m) для тормаженія interruttore(m) del freno interruptor (m) de freno	*5*
Notbremsschalter (m) emergency brake switch interrupteur (m) du frein d'alarme		выключатель (m) экстреннаго тормаженія interruttore (m) del freno di sicurezza interruptor (m) del freno de socorro	*6*
elektrisches Steuerventil (n) electric control valve valve (f) (de frein) à commande électrique		электрическій распредѣлительный клапанъ (m) valvola (f) di distribuzione elettrica valvula (f) (de freno) con accionamiento eléctrico	*7*
elektrische Kupplung (f) electric coupling accouplement (m) des conducteurs (de courant)		электрическое [междувагонное]сцѣпленіе(n) accoppiamento (m) *o* giunto (m) elettrico unión (f) de los conductores (de la corriente)	*8*

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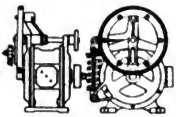
1 Motorbremsmagnet (m) motor brake magnet électro[-aimant] (m) de freinage du moteur

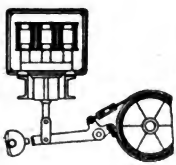


тормазной моторъ (m) elettromagnete (m) frenante il motore freno (m) magnético del motor

2 Bremsmagnet (m) brake magnet électro[-aimant] (m) de freinage

тормазной магнитъ (m) elettromagnete (m) di freno freno (m) magnético

3 Hubmagnet (m) lifting magnet électro[-aimant] (m) de levage



подъёмный магнитъ (m) elettromagnete (m) di sollevamento electroimán (m) elevador

4 **6. Sonstige Einrichtung für elektrische Wagen**
Sundry Equipment for Electric Coaches
Installations diverses et accessoires pour voitures électriques

Различныя приспособленія для электрическихъ вагоновъ
Apparecchi accessori per vetture elettriche
Installaciones diversas y accesorios para coches eléctricos

5 einmotoriger Wagen (m) single-motor car voiture (f) à un moteur

вагонъ (m) съ однимъ двигателемъ; одномоторный вагонъ vettura (f) ad un motore coche (m) de un motor

6 zweimotoriger Wagen (m) two-motor car, double motor car voiture (f) à deux moteurs

вагонъ (m) съ двумя двигателями; двухмоторный вагонъ vettura (f) a due motori coche (m) de dos motores

7 Perronwand (f), Plattformwand (f) platform wall garde-fou (m) de plateforme

стѣнка (f) площадки parete (f) della piattaforma antepecho (m) de plataforma

8 Zeichengebung (f) signalling émission (f) de signaux

подача (f) сигналовъ segnalazione (f) emisión (f) de señales

9 Streckenschild (n), Richtungstafel (f) line disc, destination sign board écriteau (m) de direction

доска (f) съ надписью направленія вагона cartello(m) *od* indicatore (m) della linea letrero (m) de dirección

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herunterklappbares Schild (n)
hinged sign board
écriteau (m) à charnière

откидная книзу доска (f)
cartello (m) *od* indicatore (m) a cerniera
letrero (m) de trampilla *1*

Farbentafel (f)
colour plate
tableau (m) colorié

цвѣтная доска (f)
tabella (f) a colori
placa (f) de colores *2*

Zahlschieber (m)
number slide
guichet (m) de payement

окошце (n) для полученія кондукторомъ денегъ за проѣздъ
finestrino (m) di pagamento
registro (m) de pago *3*

Zahlkastensystem (n)
pay-box system
système (m) de boîtes à payement

система (f) [эксплоатаціи] съ ящикомъ для опусканія платы за проѣздъ
sistema (m) di cassa a registratore
sistema (m) de caja de pago *4*

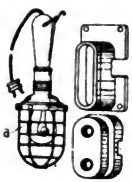
Prüfungsklappe (f)
inspection trap
trappe (f) de visite

смотровой люкъ (m)
botola (f) di revisione
trampilla (f) de inspección *5*

Lampenprüfvorrichtung (f)
lamp-testing device
[dispositif (m) de] contrôle (m) des lampes

приспособленіе (n) для испытанія лампъ *или* лампочекъ
apparecchio (m) di prova delle lampade
aparato (m) para ensayar las lámparas *6*

Prüflampe (f)
test lamp, testing-lamp
lampe (f) d'épreuve *ou* d'essai *ou* de vérification *ou* de contrôle, lampe-témoin (f)



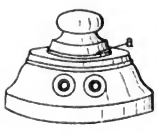
испытательная лампа (f); контрольная лампочка (f)
lampada (f) spia, lampada (f) di prova
lámpara (f) de prueba *7*

Schutzkorb (m)
wire guard
gaine (f) *ou* cage (f) protectrice

a

предохранительная сѣтка (f)
gabbia (f) di protezione
rejilla (f) de protección *8*

Prüfdose (f)
test socket
boîte (f) de contrôle



испытательная коробка (f)
scatola (f) di prova
caja (f) de prueba *9*

Prüfkontakt (m)
test contact
plot (m) de contrôle

a

испытательный контактъ (m)
contatto (m) di prova
pieza (f) de contacto de prueba *10*

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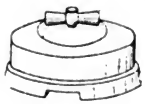
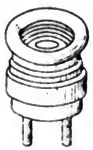


1 Lampenprüfer (m)
lamp tester
essayeur (m) de lampes

приборъ (m) для отысканія повреждённой лампы
commutatore (m), cercalampade (m)
busca-lámparas (m)



2 Prüfstöpsel (m)
test plug, testing plug
bouchon (m) de contrôle

контрольный штепсель (m)
innesto (m) *o* spina (f) di prova
tapón (m) de prueba

3 Lichteinschalter (m)
lighting-switch
interrupteur (m) pour l'éclairage

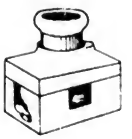
включатель (m) освѣщенія
interruttore (m) per luce
interruptor (m) de alumbrado

4 Lichtumschalter (m)
lighting throw-over switch
commutateur (m) pour l'éclairage

переключатель (m) освѣщенія
commutatore (m) per luce
conmutador (m) de alumbrado

5 Lichtsicherung (f)
lighting fuse, lamp fuse, light fuse
coupe-circuit (m) [*ou* fusible (m)] d'éclairage

предохранитель (m) освѣщенія
valvola (f) per luce
cortacircuito (m) de alumbrado



6 Stöpselsicherung (f)
plug fuse
coupe-circuit (m) *ou* fusible (m) à bouchon

штепсельный *или* пробочный предохранитель (m)
valvola (f) a turacciolo *od* a tappo, valvola (f) Edison
cortacircuito (m) de tapón

7 Lichtkupplung (f)
lighting connection
connexion (f) de la conduite d'éclairage

соединеніе (n) для освѣщенія; [фиг.:] междувагонное соединеніе для освѣщенія
collegamento (m) d'illuminazione, giunto (m) per luce
conexión (f) del conductor de alumbrado

8 Doppelschnur (f)
double cord
cordon (m) isolé double

двойной шнуръ (m)
cordone (m) doppio *od* a due conduttori
cordón (m) flexible de dos conductores

9 Hartgummisockel (m)
ebonite base *or* socket
socle (m) en ébonite

эбонитовый цоколь (m)
zoccolo (m) di ebonite
zócalo (m) de ebonita

10 elektrische Heizung (f)
electric heating
chauffage (m) électrique

электрическое отопленіе (n); отопленіе электричествомъ
riscaldamento (m) elettrico
calefacción (f) eléctrica

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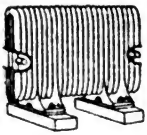
Wagenheizkörper (m)
car radiator
radiateur (m) de voiture, appareil (m) de chauffage de voiture



вагонный нагрѣватель (m); приборъ (m) для отопленія вагона
calorifero (m) *o* stufetta (f) da vettura
radiador (m) de coche, aparato (m) de calefacción para coche

1

Heizstromkreis (m)
heating-circuit
circuit (m) de chauffage

цѣпь (f) отопленія
circuito (m) di riscaldamento
circuito (m) de calefacción

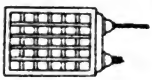
2

Heizsicherung (f)
heating fuse
coupe-circuit (m) [du circuit] de chauffage

предохранитель (m) отопленія
valvola (f) per riscaldamento
cortacircuito (m) del circuito de calefacción

3

Heizgitter (n)
heating grill *or* grid
grille (f) de chauffage



рѣшетчатая грѣлка (f)
griglia (f) *o* gratella (f) di riscaldamento
rejilla (f) para calefacción

4

Widerstandspirale (f)
resistance spiral
résistance (f) en spirale

спираль (f) сопротивленія; реостатная спираль
spirale (f) *od* elemento (m) di resistenza
espiral (f) de resistencia

5

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spiralförmig gewickelter Draht (m)
spirally wound wire
fil (m) enroulé en spirale

a

проволока (f), намотанная въ видѣ спирали
filo (m) metallico avvolto a spirale
alambre (m) arrollado en espiral

6

Drahtwiderstand (m)
resistance of a wire, wire resistance
résistance (f) en fil

проволочное сопротивленіе (n)
resistenza (f) a filo metallico
resistencia (f) de alambre

7

Widerstanddraht (m)
resistance wire
fil (m) pour résistance

проволока (f) сопротивленія
filo (m) metallico di resistenza
alambre (m) de resistencia

8

Bandwiderstand (m)
strap *or* strip resistance
résistance (f) en rubans

ленточное сопротивленіе (n)
resistenza (f) a nastro
resistencia (f) de cinta

9

Nickelinband (n)
nickeline strap *or* strip
ruban (m) de nickeline

никкелиновая лента (f)
nastro (m) di nichelina
cinta (f) de niquelina

10

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1 Argentanband (n)
argentan strap *or* strip
ruban (m) d'argentan *ou* de maillechort

аргентановая лента (f)
nastro (m) d'argentane
cinta (f) de argentana

2 hitzebeständig (adj)
heat-proof
réfractaire (adj), résistant (adj) à l'action de la chaleur

теплостойкий
resistente agg) al calore
resistente (adj) al acción del calor

3 Wärmeausstrahlungsfähigkeit (f)
radiating capacity
pouvoir (m) rayonnant

термическая лучеиспускательная способность (f)
potere (m) d'emissione termica, dispersivo (m) del calore
poder (m) de emisión térmico

4 Asbestonithülse (f)
asbestonite bush
gaine (f) d'asbestonite

втулка (f) изъ азбестонита; азбестонитовая гильза (f)
guaina (f) *o* involucro (m) d'asbestonite
envoltura (f) de asbestonita

5 Asbeststreifen (m)
asbestos strip
bande (f) d'amiante *ou* d'asbeste

азбестовая полоса (f)
striscia (f) d'asbesto *o* d'amianto
tira (f) de amianto

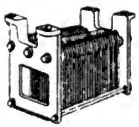
6 Glimmerring (m)
mica ring mica collar
bague (f) de mica

слюдяное кольцо (n); кольцо изъ слюды
collare (m) *od* anello (m) di mica
anillo (m) de mica

7 Eisenzwischenlage (f)
iron layer *or* washer
lame (f) intercalée en fer

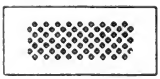
желѣзная прокладка (f)
strato (m) interposto di ferro
pieza (f) intermedia de hierro

8 Widerstandkasten (m)
resistance box
boîte (f) *ou* cage (f) à résistances



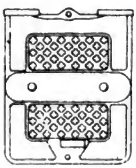
ящикъ (m) сопротивленія
cassetta (f) di resistenza
caja (f) de resistencias

9 Schutzblech (n)
protecting sheet, guard sheet
tôle (f) protectrice *ou* de protection



предохранительный листъ (m)
lamiera (f) di protezione
chapa (f) de protección

10 Endplatte (f)
end plate
plaque (f) extrême



крайняя пластина (f)
piastra (f) d'estremità *o* laterale
placa (f) extrema

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Porzellanhalter (m)
porcelain holder
support (m) en porcelaine

фарфоровая поддержка (f); фарфоровый держатель (m)
sopporto (m) *o* portafili (m) di porcellana
soporte (m) de porcelana *1*

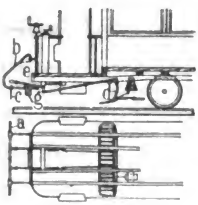
Steg (m)
bridge
barrette (f)

перекладинка (f)
sbarretta (f) *2*
traviesa (f)

Wagenblitzableiter (m)
car lightning-protector *or* arrester (A)
parafoudre (m) de voiture

вагонный громоотводъ (m)
parafulmine (m) da vettura *3*
pararrayos (m) de coche

Schutzvorrichtung (f)
life guard *or* safety device
appareil (m) *ou* dispositif (m) de protection



предохранительное приспособленіе (n)
apparecchio (m) di protezione, salvagente (m) per vettura
aparato (m) de protección *4*

Fangrahmen (m), Rechen (m)
catch frame, fender (A)
cadre (m) de l'appareil de protection

a

лобовая опускающая предохранительная рама (f)
telaio (m) di protezione, telaio (m) raccoglitore
bastidor (m) de seguridad *5*

Stoßfänger (m)
buffer
parachoc (m)

b

приспособленіе (n) для смягченія удара
paraurti (m), paracolpi (m)
parachoque (m) *6*

Schurz (m), Tastgitter (n), Tastrahmen (m)
guard
tablier (m)

c

фартукъ (m)
grembialino (m), davanzale (m), cappa (f) di cuoio
chapa (f) de guarda *7*

Schutzkorb (m), Fangkorb (m)
safety *or* guard net
grille (f) de protection

d

предохранительная сѣтка (f)
cacciapietre (m), cesta (f) di sicurezza
rejilla (f) de recogimiento *8*

Feststellvorrichtung (f)
fixing device
appareil (m) de calage

e

приспособленіе (n) для задержки сѣтки въ поднятомъ положеніи
apparecchio (m) d'arresto
disposición (f) de sujeción *9*

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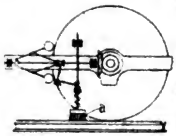
g

1 Anschlag (m)
stop
butée (f)

упоръ (m)
arresto (m)
tope (m)

2 elastisches Gitter (n)
elastic grating
grille (f) élastique

упругая рѣшётка (f)
graticcio (m) *o* griglia (f) elastica
rejilla (f) elástica



a

3 Schienenschleifbürste(f)
rail brush
balai (m) frotte-rail

щётка (f), скользящая по рельсамъ
spazzola (f) per rotaie, spazzabinario (m)
escobilla (f) de carril

Akkumulatorenbetrieb

Работа аккумуляторами

4 **Accumulator *or* Storage Battery Drive**

Esercizio con accumolatori

Service avec accumulateurs

Servizio con accumuladores

5 Akkumulatorwagen (m)
storage battery *or* accumulator car
voiture (f) à accumulateurs

аккумуляторный вагонъ (m)
vettura (f) ad accumulatori
coche (m) de acumuladores

6 Akkumulatorenstrecke (f)
line for accumulator *or* storage battery working section (f) pour traction à accumulateurs

участокъ (m) аккумуляторной тяги
linea (f) ad accumulatori
sección (f) explotada por acumuladores

7 reiner Akkumulatorenbetrieb (m)
storage battery *or* accumulator working
service (m) fait uniquement par accumulateurs

чистая аккумуляторная тяга (f)
esercizio (m) a soli accumulatori
explotación (f) con acumuladores

8 gemischter Betrieb (m)
mixed working
exploitation (f) mixte

смѣшанная тяга (f)
esercizio (m) misto
explotación (f) mixta

9 Oberleitungstrecke (f)
overhead-line section *or* stretch
section (f) à trolley *ou* à conducteur aérien

участокъ (m) съ надземной проводкой
sezione (f) a filo aereo, tratta (f) con servizio trolley
seccion (f) de conductor aéreo

10 Wagenbatterie (f)
car battery
batterie (f) de voiture

вагонная батарея (f)
batteria (f) da vettura
bateria (f) de coche

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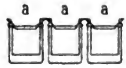
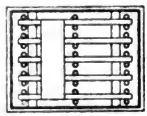
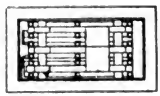
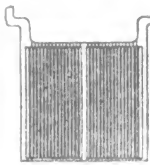
tragbare Akkumulatorenbatterie (f) portable accumulator *or* storage battery batterie (f) d'accumulateurs portative		переносная аккумуляторная батарея (f) batteria (f) di accumulatori portatile bateria (f) de acumuladores portátil	1
Akkumulatorzelle (f) accumulator *or* storage battery cell élément (m) d'accumulateur	 a	элементъ (m) вторичной батареи elemento (m) accumulatore elemento (m) de acumulador	2
Hartgummikasten (m) ebonite box caisse (f) en ébonite		эбонитовый ящикъ (m) cassa (f) di ebonite caja (f) de ebonita	3
Hartgummigefäß (n) ebonite vessel bac (m) en ébonite *ou* caoutchouc durci		эбонитовый сосудъ (m) recipiente (m) di ebonite recipiente (m) de caucho endurecido *ó* de ebonita	4
Element (n) in ausgebleitem Holzkasten cell in lead-lined wooden box accumulateur (m) dans une caisse de bois revêtue de plomb		элементъ (m) въ деревянномъ ящикѣ, выложенномъ свинцомъ elemento (m) in cassetta rivestita di piombo elemento (m) colocado en caja de madera forrada de plomo	5
Bleiauskleidung (f) lead lining revêtement (m) de plomb		свинцовая обкладка (f) rivestimento (m) di piombo forro (m) interior de plomo	6
Großoberflächenplatte (f) plate with large surface plaque (f) à grande surface		пластина (f) съ большой поверхностью piastra (f) *o* placca (f) a grande superficie placa (f) de gran superficie	7
positive Platte (f) positive plate plaque (f) positive		положительная пластина (f) piastra (f) *o* placca (f) positiva placa (f) positiva	8
negative Platte (f) negative plate plaque (f) négative		отрицательная пластина (f) piastra (f) *o* placca (f) negativa placa (f) negativa	9

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Bleigitter (n)
lead grill *or* grid
1 grillage (m) *ou* carcasse (f) en plomb

свинцовая рѣшётка (f)
griglia (f) *o* graticcio (m) di piombo
rejilla (f) de plomo

Hartgummistab (m)
2 ebonite rod
tige (f) d'ébonite

эбонитовая полоса (f)
asta (f) di ebonite
varilla (f) de ebonita

Gasentwicklung (f)
development of gas *or* fumes
3 développement (m) *ou* production (f) de gaz

выдѣленіе (n) газа; газообразованіе (n); [кипѣніе (n)]
sviluppo (m) di gas
desprendimiento (m) de gases

Gasabführung (f)
4 gas *or* fume outlet
évacuation (f) des gaz

отводъ (m) газа
asportazione (f) *od* evacuazione (f) di gas
evacuación (f) *ó* escape (f) de los gases

Gasabführungsrohr (n)
gas *or* fume escape tube
5 tuyau (m) d'échappement des gaz

газоотводная труба (f)
tubo (m) d'evacuazione del gas
tubo (m) de evacuación *ó* escape del gas

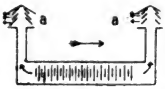
Säureabfluß (m)
acid outlet
6 écoulement (m) de l'acide

стокъ (m) *или* отводъ (m) кислоты
scarico (m) dell'acido
salida (f) del ácido

Säuredämpfe (m pl)
acid fumes (pl), acid vapours (pl)
7 vapeurs (f pl) acides

кислотные пары (m pl)
vapori (m pl) acidi
vapores (m pl) ácidos

Ventilationseinrichtung (f)
ventilation device
8 installation (f) de ventilation



устройство (n) вентиляціи
impianto (m) di ventilazione
disposición (f) de ventilación

Absaugevorrichtung (f)
aspirator
9 dispositif (m) d'aspiration, aspirateur (m)

a

отсасывающее приспособленіе (n)
dispositivo (m) d'aspirazione
disposición (f) de aspiración

Kautschukdichtung (f)
rubber packing
10 joint (m) en caoutchouc

каучуковое *или* резиновое уплотненіе (n)
tenuta (f) *o* guarnizione (f) di gomma
guarnición (f) de caucho

laden (v), aufladen (v)
to charge
11 charger (v)

заря-дить (-жать)
caricare (v)
cargar (v)

Aufladen (n) in Gruppen
charging in groups
12 chargement (m) par groupes

зарядка (f) группами
carica (f) per gruppi
carga (f) por grupos

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Aufladen (n) in zwei Hälften
charging in two halves
chargement (m) par moitiés

зарядка (f) въ двѣ группы
carica (f) in due metà
carga (f) por mitades
1

Ladung (f)
charging, charge
charge (f) [des accumulateurs]

зарядка (f)
carica (f)
carga (f)
2

Ladedauer (f)
duration *or* period of charging
durée (f) de charge

продолжительность (f) *или* время (n) зарядки
durata (f) della carica
duración (f) de la carga
3

Schnellaufladung (f)
rapid charging
charge (f) rapide

быстрая зарядка (f); быстрое заряжаніе(n)
carica (f) rapida
carga (f) rápida
4

nachladen (v)
to charge up, to recharge *or* replenish
recharger (v)

подзаря-дить (-жать) [дополнительно]
ricaricare (v)
recargar (v)
5

Nachladung (f)
replenishing, charging up, recharging
recharge (f), rechargement (m)

дополнительная зарядка (f); подзарядка (f)
carica (f) supplementare
recarga (f)
6

Ladespannung (f)
charging-voltage
voltage (m) de charge, tension (f) de charge

напряженіе (n) при зарядкѣ
tensione (f) di carica
tensión (f) de carga
7

mittlerer Ladestrom (m)
mean charging-current
courant (m) de charge moyen

средній зарядный токъ (m); средній токъ при зарядкѣ
corrente (f) media di carica
corriente (f) de carga media
8

Ladestromkreis (m)
charging-circuit
circuit (m) [du courant] de charge

цѣпь (f) зарядnаго тока
circuito (m) di carica
circuito (m) de carga
9

Ladevorrichtung (f)
charging device
dispositif (m) de charge

приспособленіе (n) для зарядки
apparecchio (m) *o* dispositivo (m) di carica
dispositión (f) de carga
10

Ladeanzeiger (m)
charge indicator *or* gauge
indicateur (m) de charge

указатель (m) заряда
indicatore (m) di carica
indicador (m) de carga
11

Ladestation (f)
charging station
poste (m) de charge

станція (f) для зарядки
stazione (f) di carica
estación (f) de carga
12

Ladegestell (n)
charging frame
bâti (m) de charge

стелажъ (m) для зарядки
tavola (f) di carica
estante (m) de carga
13

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1 Ladevorgang (m)
process of charging
marche (f) de la charge
процессъ (m) зарядки
processo (m) di carica
proceso (m) de carga

2 Stromanschlußstelle (f)
current junction point
point (m) de prise de courant
мѣсто (n) присоединенія тока
punto (m) della presa, attacco (m) di corrente
punto (m) de toma de corriente

3 Entladung (f)
discharging
décharge (f)
разрядка (f); разрядъ (m)
scarica (f)
descarga (f)

4 Entladestrom (m)
discharging current
courant (m) de décharge
разрядный токъ (m)
corrente (f) di scarica
corriente (f) de descarga

5 Entladestromstärke (f)
discharging current strength, discharging amperage
ampérage (m) de décharge, intensité (f) du courant de décharge
сила (f) разряднаго тока
intensità (f) della corrente di scarica
intensidad (f) de la corriente de descarga

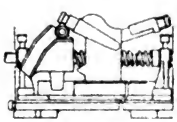
6 Entladedauer (f)
period of discharge
durée (f) de la décharge
продолжительность (f) *или* время (n) разрядки
durata (f) di scarica
duración (f) de la descarga

7 Zellenschalter (m)
cell switch
réducteur-adjoncteur (m)
элементный коммутаторъ (m)
inseritore (m) di elementi, regolatore (m) ad elementi
reductor (m) (ayuntador)

8 Batterieschalter (m)
battery switch
interrupteur (m) de batterie
батарейный выключатель (m)
interruttore (m) per batteria
interruptor (m) de bateria

9 Batteriehälfte (f)
battery half
demi-batterie (f), moitié (f) de batterie
половина (f) батареи
metà (f) batteria
media bateria (f)

10 Endausschaltvorrichtung (f)
end cut-out *or* disconnecting device
disjoncteur (m) final



приспособленіе (n) для конечнаго выключенія
interruttore (m) terminale
aparato (m) desconectador final *ó* de fin de carrera

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VII.

Eisenbahnfähranlagen

Train Ferry Installations

Bacs transbordeurs pour trains

Устройство желѣзнодорожныхъ переправъ

Traghetti per ferrovie

Pontones para ferrocarriles

Eisenbahnfähre (f), [Trajektanstalt (f)]
train ferry
[installation (f) de] bac (m) transbordeur de trains, [installation (f) de] passage (m) de cours d'eau pour trains

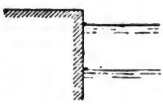
желѣзнодорожная переправа (f); желѣзнодорожный паромъ (m)
ferry-boat (m), traghetto (m) per ferrovia
pontón (m) para el transbordo de trenes, instalación (f) para el paso de trenes sobre corrientes de agua *1*

---

unmittelbare Überführung (f) der Züge
direct transport of trains
transport (m) direct des trains

непосредственная переправа (f) поѣздовъ
passaggio (m) *o* trasbordo (m) diretto dei convogli *2*
paso (m) directo de los trenes

Wasserstandwechsel (m)
change of water level, rise and fall of tide
variation (f) du niveau de l'eau



колебаніе (n) уровня воды
variazione (f) del livello dell'acqua *3*
variación (f) del nivel del agua

Fährstrecke (f)
length of passage, width of ferry
trajet (m) du bac transbordeur

протяженіе (n) переправы *или* переѣзда
tronco (m) *o* sezione (f) di passaggio del corso d'acqua *4*
trayecto (m) de paso

---

den Zug übersetzen (v)
to carry *or* ferry the train across
faire traverser (v) le train

переправить поѣздъ (m)
trasbordare (v) *o* far passare (v) *o* traghettare (v) il treno *5*
pasar (v) el tren

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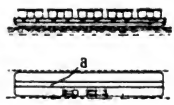
1

Fährboot (n), Fährschiff (n)
ferry boat *or* vessel
bac (m) *ou* navire (m) transbordeur, ferry-boat (m)



паромъ (m); перевозное судно (n); перевозъ (m)
ferry-boat (m), pontone (m) trasbordatore
pontón (m) ó barcaza (f) para el transbordo

2

Schiffsgleis (n)
ferry-boat track, rails on ferry boat
voie (f) ferrée [à bord] du bac

a

путь (m) на палубѣ
binario (m) a bordo del pontone
vía (f) [á bordo] del pontón

3

die Wagen gegen Verschiebung verankern (v)
to make fast the wagon *or* carriages
retenir (v) les wagons par un ancrage

удержать *или* закрѣпить вагоны отъ передвиженія
rinforzare (v) *od* ancorare (v) la posizione delle vetture
detener (v) los vagones mediante un anclaje

4

Einender (m)
single-ender, bow-and-stern boat
bac (m) à une entrée

односторонній паромъ (m); паромъ для въѣзда съ одного только конца
pontone (m) ad una entrata
pontón (m) de una entrada

5

Doppelender (m)
double-ender
bac (m) à deux entrées

двусторонній паромъ (m); паромъ для въѣзда съ обоихъ концовъ
pontone (m) a due entrate
pontón (m) de dos entradas

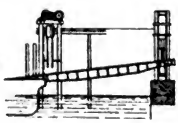
6

Eisbrechfährdampfer(m)
ice-breaking steam ferry-boat
brise-glace (m) du service des bacs

паровой паромъ-ледоколъ (m)
rompighiaccio (m) del ferry-boat, piroscafo (m) rompighiaccio
rompehielo (m) del servicio de pontones

7

Klappbrücke (f)
draw *or* bascule bridge
passerelle (f) mobile



перекидной мостъ (m)
ponte (m) levatoio per ormeggio delle chiatte di trasbordo
puente (m) levadizo

8

veränderliche Höhenlage (f) der Schiffsgleise
variable level of ferry-boat track
niveau (m) variable des voies du bac

перемѣнная высота (f) палубныхъ путей
livello (m) variabile dei binari del pontone
nivel (m) variable de las vías del pontón

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künstliche Veränderung (f) des Tiefganges
artificial variation of vessel's draught
modification (f) artificielle du tirant [d'eau]

искуственное измѣненіе (n) осадки судна
modificazione (f) artificiale del pescaggio
variación (f) artificial del calado

1

Wasserballast (m)
water ballast
lest (m) liquide

водяной балластъ (m)
zavorra (f) d'acqua
lastre (m) de agua

2

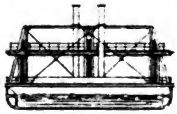
---

verstellbare Fahrbahn(f)
adjustable track
voie (f) de roulement mobile

подвижное полотно (n)
binario (m) spostabile
vía (f) regulable

3

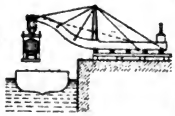
Hebedeck (n)
lift bridge *or* deck
pont (m) à hauteur variable



подымающаяся и опускающаяся палуба (f); подъёмная и опускная палуба
ponte (m) *o* coperta (f) mobile verticalmente
puente (m) *ó* cubierta (f) móvil verticalmente

4

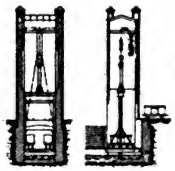
Wagenladekran (m)
crane for transhipment of cars
grue (f) de transbordement de wagons



вагонный подъёмный кранъ (m); кранъ для погрузки вагоновъ на . . .
gru (f) per caricare i vagoni sulle chiatte
grúa (f) para el transbordo de vagones

5

Hebeturm (m)
hoist *or* lift-tower
tour (f) élévatoire, ascenseur (m)



подъёмная башня (f)
torre (f) di sollevamento
torre (f) elevadora

6

---

geneigte Ebene (f)
inclined plane
plan (m) incliné

наклонная плоскость (f)
piano (m) inclinato
plano (m) inclinado

7

Übergangwagen (m)
transhipping wagon
wagon (m) de passage

a

передвижная платформа (f)
vagone (m) di passaggio *o* di traghetto
vagón (m) de paso

8

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das Fährschiff auf das Landungsgleis einspielen (v)
to place the vessel in position with the landing rails for transshipment
aborder (v) les voies de chargement avec le ponton de transbordement *ou* bac de passage

причалить перевозное судно къ пристанному желѣзнодорожному пути
concordare (v) il binario della nave-trasbordatore (*o* pontone a vapore) con quello di terra
abordar (v) las vías de cargamiento con el pontón transbordador

9

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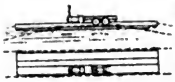
freifahrender Fährdampfer (m)
1 independent steam ferry-boat
bac (m) à vapeur à marche libre

свободный паровой паромъ (m); паромный пароходъ (m)
pontone (m) a vapore o traghetto (m) a vapore per treni ferroviari
pontón (m) de vapor de marcha libre

Schleppdampfer (m)
2 steam-tug
remorqueur (m)

буксиръ (m); буксирный пароходъ (m)
rimorchiatore (m) a vapore
remolcador (m)

Seilfähre (f)
cable-ferry
3 bac (m) à (traction par) câble



канатный паромъ (m); паромъ по канату
traghetto (m) a fune
pontón (m) funicular

Kettenfähre (f)
chain-ferry
4 bac (m) à (traction par) chaîne

цѣпной паромъ (m); паромъ по цѣпи; туэръ (m)
traghetto (m) a catena
pontón (m) de tracción por cadena

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VIII.

Eisenbahn-Werkstätten
Railway Works, Railway Work Shops
Ateliers de chemins de fer
Желѣзнодорожныя мастерскія
Officine delle strade ferrate
Talleres de ferro-carriles

Allgemeines und Anordnung
General Terms and Arrangements
Généralités et organisation
Общія свѣдѣнія и расположеніе
Generalità e classificazione *1*
Generalidades y organisación

Eisenbahnwerkstatt (f), Eisenbahnwerkstätte (f)
railway works, railway work-shops
atelier (m) du chemin de fer, ateliers (m pl) du chemin de fer
желѣзнодорожная мастерская (f); желѣзнодорожныя мастерскія (f pl)
officina (f) costruzioni ferroviarie *2*
taller (m) ó talleres (m pl) del ferrocarril

Hauptwerkstatt (f), Hauptwerkstätte (f)
head *or* principal works, main shops
atelier (m) central *ou* principal
главныя мастерскія (f pl)
officina (f) principale
taller (m) central ó principal *3*

Nebenwerkstatt (f), Filialwerkstatt (f)
branch works, branch shops
atelier (m) secondaire
второстепенныя мастерскія (f pl)
officina (f) secondaria
taller (m) secundario *4*

Betriebswerkstatt (f)
running shed, service work-shops
atelier (m) de l'entretien courant
мастерскія (f pl) малаго ремонта; мастерская (f) при депо
officina (f) d'esercizio o di riparazione *5*
taller (m) de reparaciones

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Heimat- *oder* Unterhaltungswerkstatt (f)
• maintenance depôt, head-quarters
1 atelier (m) d'entretien et de réparations, dépôt (m)

мѣстныя ремонтныя мастерскія (f pl); мастерскія при депо
officina (f) mantenimento, officina (f) riparazioni e deposito
taller (m) de reparaciones, depósito (m)

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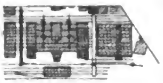
rechteckiger Werkstattgrundriß (m)
2 rectangular shape of work-shop
plan (m) d'atelier rectangulaire



прямоугольное очертаніе (n) мастерскихъ
pianta (f) rettangolare dell' officina
planta (f) cuadrada de taller

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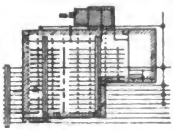
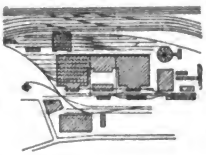
rahmen- *oder* rostförmige Werkstattanlage (f)
3 grid iron arrangement of work-shop
atelier (m) avec voies disposées en gril



расположеніе (n) мастерскихъ въ формѣ рамы
disposizione (f) dell'officina a forma di griglia
instalación (f) de taller en forma de bastidor ó de enrejado

U-förmige Werkstattanlage (f)
4 U-shaped arrangement of work-shop
disposition (f) d'atelier en U



U-образное *или* П-образное *или* подковообразное расположеніе (n) мастерскихъ
impianto (m) d'officine in forma di U
instalación (f) de taller en forma de U

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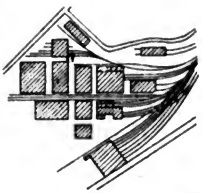
aufgelöste Werkstattanlage (f)
5 cut up arrangement of work-shops
installation (f) d'atelier à bâtiments séparés



разбросанное расположеніе (n) мастерскихъ
impianto (m) d' officine divise *o* sparse
instalación (f) de taller repartida

Werkstattabteilung (f)
6 section of works, department of works
section (f) d'atelier

отдѣленіе (n) мастерскихъ; цехъ (m)
sezione (f) *o* riparti (m pl) delle officine
sección (f) de taller

Werkstattraum (m)
7 shop
salle (f) d'atelier

помѣщеніе (n) мастерскихъ
sale (f pl) *o* locali (m pl) delle officine
sala (f) de taller

Raumbedarf (m)
8 necessary space
espace (m) nécessaire

потребный объёмъ (m) помѣщенія
spazio (m) necessario
espacio (m) necesario

Arbeitsplatz (m)
9 work-yard
place (f) de travail

мѣсто (n) производства работъ
cantiere (m)
lugar (m) de trabajo

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Werkstattabteilungen Works Departments Subdivisions des ateliers	Цехи Sezioni officine Subdivisiones de los talleres	
Lokomotivwerkstatt (f) locomotive works, engine shops atelier (m) des locomotives	паровозныя мастерскія (f pl) officina (f) per locomotive taller (m) de locomotoras	2
Wagenwerkstatt (f) carriage works *or* shop atelier (m) des wagons	вагонныя мастерскія (f pl); вагоносборная officina (f) dei veicoli taller (m) de coches	3
Räderwerkstatt (f) wheel shop atelier (m) des roues	колёсная (f); колёсная мастерская (f); полускатный цехъ (m) officina (f) delle ruote taller (m) de ruedas	4
Räderhof (m) wheel yard parc (m) aux roues	колёсный паркъ (m) паркъ для скатовъ parco (m) ruote patio (m) para las ruedas	5
Heizrohrwerkstatt (f), Siederohrwerkstatt (f) fire tube shop atelier (m) de tubes de fumée	трубочная (f); трубочная мастерская (f); мастерская для ремонта дымогарныхъ трубъ officina (f) dei tubi bolditori taller (m) de tubos de humo	6
Hauptschmiede (f) main smithy *or* forge forge (f) principale	главная кузница (f); главная кузнечная мастерская (f) fucina (f) principale fragua (f) principal	7
Kesselschmiede (f) boiler forge *or* shop chaudronnerie (f)	котельная (f); котельная мастерская (f) officina (f) calderai, caldereria (f) caldereria (f)	8
Federschmiede (f) spring smithy *or* forge forge (f) pour ressorts	рессорная (f); рессорная мастерская (f) fucina (f) per molle forja (f) para muelles	9
Kupferschmiede (f) copper smithy chaudronnerie (f) pour le travail du cuivre	мѣдницкая (f); мѣднокотельная (f); мѣднокотельная мастерская (f) officina (f) da calderai in rame caldereria (f) para trabajar el cobre	10
Gießerei (f) foundry fonderie (f)	литейная (f); литейная мастерская (f) fonderia (f) fundición (f), funderia (f)	11

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Eisengießerei (f)
1 iron foundry
fonderie (f) de fer

чугунолитейная (f); чугунолитейная мастерская (f)
fonderia (f) in ghisa
fundición (f) de hierro

Gelbgießerei (f)
brass foundry
fonderie (f) de cuivre, fonderie (f) de laiton

мѣднолитейная (f); мѣднолитейная мастерская (f)
fonderia (f) di ottone
fundición (f) de latón

Dreherei (f)
3 turning shop, turnery
atelier (m) des tours *ou* de tournage

токарно-механическая (f); токарно-механическая мастерская (f)
torneria (f), officina (f) tornitori
taller (m) de tornero, tornería (f)

Blechbearbeitungswerkstatt (f)
plate shop
4 atelier (m) pour le travail des tôles, chaudronnerie (f)

жестяницкая (f); жестяницкая мастерская (f); мастерская для обработки листового желѣза
officina (f) di lavorazione delle lamiere
taller (m) para trabajar chapas, calderería (f)

Schlosserei (f)
5 fitting shop
atelier (m) de serrurerie

слесарная (f); слесарная мастерская (f)
officina (f) fabbri
[tallér (m) de] cerrajería (f)

Weichenwerkstatt (f)
points shop
6 atelier (m) des appareils d'aiguillage

мастерская (f) для изготовленія *или* для ремонта стрѣлокъ
officina (f) scambi
taller (m) de agujas

Tischlerei (f)
7 joinery
menuiserie (f)

столярная (f); столярная мастерская (f)
carpenteria (f), officina (f) falegnami
carpintería (f)

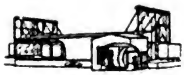
Modellschreinerei (f)
pattern makers shop,
8 pattern shop
atelier (m) des modèles, modelage (m)

модельно-столярная (f); модельно-столярная мастерская (f)
officina (f) modellisti
taller (m) de modelos

Spänehaus (n)
9 store house for shavings
dépôt (m) des copeaux

сарай (m) для опилокъ и стружекъ
deposito (m) degli avanzi di legno
depósito (m) de las virutas

Holztrockenschuppen (m), Trockenhaus (n)
10 timber drying shed, drying house
hangar (m) à sécher le bois, séchoir (m)



лѣсосушилка (f)
tettoia (f) per essiccare il legno, essiccatoio (m)
sotechado (m), cobertizo (m) para secar la madera, secadero (m)

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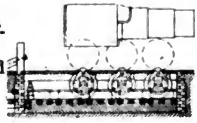
Prüfwerkstatt (f)
testing room *or* shop
atelier (m) des essais, banc (m) d'épreuve

пробная мастерская (f); испытательная станція (f)
officina (f) di prova *1*
taller (m) de pruebas *ó* de ensayos

Lokomotivprüfstand (m), Lokomotivprüffeld (n)
locomotive testing bed
plate-forme (f) pour l'épreuve des locomotives



испытательная станція (f) для паровозовъ
ponte (m) di collaudo per locomotive *2*
plataforma (f) de prueba de las locomotoras

Lackier- und Malerwerkstatt (f)
varnish and paint shop
atelier (m) de vernissage et de peinture

малярная (f) и лакировочная (f); малярно-лакировочная (f); малярно-лакировочная мастерская (f) *3*
officina (f) lacche e verniciature
taller (m) de b. nizar y pintar

Sattlerei (f)
saddler's shop
bourrellerie (f), sellerie (f)

шорная (f); шорная мастерская (f)
officina (f) lavori in pelle, selleria (f) *4*
guarnicioneria (f), taller (m) de guarnicionero

Polsterei (f)
upholstery shop
atelier (m) de rembourrage *ou* de garnissage

обивочная (f); обивочная мастерская (f)
officina (f) materassai *5*
taller (m) de relleno

Tapeziererei (f)
trimming shop
atelier (m) de tapisserie

обойная (f); обойная мастерская (f)
officina (f) tappezzieri *6*
taller (m) de tapiceria

Werkzeugausgabe (f)
distribution of tools
distribution (f) des outils

выдача (f) инструментовъ
distribuzione (f) degli utensili *7*
distribución (f) de las herramientas

Werkzeugmacherei (f)
tool makers shop
atelier (m) d'outilleur, atelier (m) pour la réparation et l'entretien de l'outillage

инструментальная (f); инструментальная мастерская (f)
utensileria (f), officina-utensili (f) *8*
taller (m) de reparación de las herramientas

Abkochanstalt (f)
bosh, cleaning *or* boiling tank
installation (f) pour le nettoyage des pièces détachées

выварочная (f)
lavoratorio (m) di pulizia delle parti *o* di ripulimento *9*
installación (f) para la limpieza de las piezas separadas

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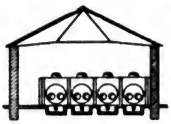
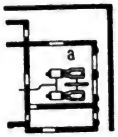


1 Kesselhaus (n)
boiler house
bâtiment (m) *ou* salle (f) des chaudières

котельное зданіе (n) *или* помѣщеніе (n); котельная (f); кочегарка (f)
sala (f) delle caldaie, batteria (f) di caldaie
sala (f) de calderas



a

2 Maschinenraum (m)
engine room
salle (f) des machines

машинное отдѣленіе (n) *или* помѣщеніе (n); машинная (f)
sala (f) *o* locale (m) delle macchine
sala (f) de máquinas

3 Magazin (n)
store, storage room
magasin (m)

кладовая (f); магазинъ (m)
magazzino (m)
almacén (m)

4 Stapellager (n)
store (yard)
entrepôt (m)

складъ (m)
deposito (m)
depósito

5 Verwaltungsgebäude (n)
administration building, general offices
bâtiment (m) d'administration

зданіе (n) [у]правленія
fabbricato (m) dell'amministrazione
edificio (m) del administración

6 Pförtnerhaus (n)
porter's lodge
maison (f) du portier

будка (f) привратника; сторожевая будка
portineria (f), portieria (f)
portería (f)

7 Spritzenhaus (n)
fire engine house
dépôt (m) des pompes à incendie

пожарный сарай (m); пожарное депо (n)
deposito (m) delle pompe da incendio
depósito (m) de las bombas de incendios

Werkstatteinrichtungen und Arbeitsvorgang

Оборудованіе мастерскихъ и производство работъ

8 **Work-shop Equipment and Methods**

Impianti dell'officina e procedimento del lavoro

Organisation des ateliers et du travail

Organisación de los talleres y de los trabajos

9 Zusammenbau (m) der Lokomotive
erection *or* assembling (A) of the locomotive *or* engine
montage (m) de la locomotive

сборка (f) паровоза
montaggio (m) della locomotiva
montaje (m) de la locomotora

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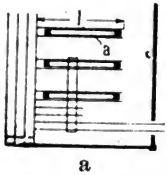
die Lokomotive zusammenbauen (v) *oder* montieren (v) to erect *or* assemble the locomotive monter (v) la locomotive		собрать (собирать) паровозъ montare (v) la locomotiva montar (v) la locomotora	1
die Lokomotive abbauen (v) *oder* auseinandernehmen (v) *oder* demontieren (v) to dismantle *or* take to pieces *or* strip the locomotive démonter (v) la locomotive		разобрать паровозъ smontare (v) la locomotiva desmontar (v) la locomotora	2
bedeckter Lokomotivstand (m) covered locomotive shed emplacement (m) de locomotive couvert		крытое паровозное стойло (n) posto (m) coperto di locomotiva estacionamiento (m) cubierto para locomotora	3
Ausbesserungsstand (m) repair track emplacement (m) de réfection *ou* de réparation		ремонтное стойло (m) tettoia (f) di riparazione tinglado (m) de reparaciones	4
Ausbesserungsgleis (n) repair siding *or* track *or* pit voie (f) de réfection *ou* de réparation		ремонтный путь (m) [въ сборной] binario (m) di riparazione vía (f) de reparaciones	5
Standgleis (n) pit track voie (f) de garage *ou* de stationnement	 a	путь (m) стойла binario (m) di permanenza per riparazioni [vía (f) de] apartedero (m), vía (f) de estacionamiento	6
Standlänge (f) length of pit track longueur (f) du garage *ou* de l'emplacement	l	длина (f) стойла lunghezza (f) del posto longitud (f) del apartedero	7
Arbeitsgrube (f) working-pit fosse (f) de travail		рабочая канава (f); кочегарная яма (f) fossa (f) di lavoro e di lavaggio foso (m) de trabajo	8
Grubenrand (m) edge of pit bord (m) de la fosse	a	край (m) ямы orlo (m) della fossa borde (m) del foso	9

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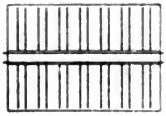
1 Querstand (m)
transverse pit *or* stand
voie (f) transversale de stationnement



поперечныя стойла (n pl)
posto (m) trasversale
via (f) transversal de estacionamiento

2 Längsstand (m)
longitudinal pit *or* stand
voie (f) de stationnement longitudinale

продольныя стойла (n pl)
posto (m) longitudinale
via (f) de estacionamiento longitudinal

3 die Lokomotive hochnehmen (v)
to lift *or* hoist the locomotive
soulever (v) la locomotive

поднять паровозъ
sollevare (v) la locomotiva
levantar (v) la locomotora

4 die Lokomotive von den Achsen heben (v)
to lift the locomotive by the axles
opérer (v) le levage de la machine

снять паровозъ съ осей
sollevare (v) la locomotiva dagli assi
proceder (v) al levantamiento de la máquina

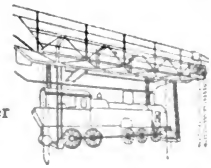
5 die Lokomotive auf Achsen setzen (v)
to set the locomotive on the axles, to wheel the locomotive
placer (v) la machine sur ses essieux

поставить паровозъ на оси
posare (v) la locomotiva sugli assi
reponer (v) la máquina sobre sus ejes

6 Lokomotivwinde (f), Lokomotivhebebock (m)
screw jack for locomotive
cric (m) *ou* vérin (m) à locomotive

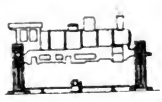
лебёдка (f) для подъёма паровозовъ; паровозный подъёмникъ (m) *или* домкратъ (m)
argano (m) per locomotive, cavalletto (m) di sollevamento per locomotive
gato (m) para locomotoras

7 Lokomotivhebekran (m)
locomotive-lifting crane
grue (f) pour soulever les locomotives



кранъ (m) для подъёма паровозовъ
grù (f) per sollevamento della locomotiva
grúa (f) para levantar las locomotoras

8 Lokomotivhebewerk (n)
locomotive-lifting device
dispositif (m) à vérins pour soulever les locomotives



устройство (n) для подъёма паровозовъ
apparecchio (m) di sollevamento della locomotiva
disposición (f) de gatos para le vantar las locomotoras

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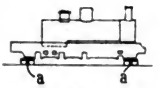
Spurwagen (m)
lorrie, trolley, truck, bogie for setting unwheeled locomotive on
truck (m) pour le montage des locomotives



a

тел̀ѣжка (f) дл.. ремонтируемаго паровоза
carello-sopporto (m) della locomotiva durante il montaggio
truck (m) para el montaje de las locomotoras

---

die Achsen auswechseln (v)
to replace *or* change the axles
remplacer (v) les essieux

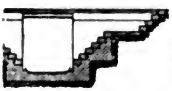
смѣнить оси *или* скаты
cambiare (v) gli assi
reemplazar (v) los ejes

---

versenkte Achswinde (f)
axle jack in pit
plate-forme (f) dans le sous-sol pour monter les essieux

втопленный *или* опущенный домкратъ (m) для подъёма осей
monta-assi(m) a livello inferiore
monta-ejes (m) hundido

Achssenkgrube (f)
axle pit
fosse (f) pour le montage des essieux



яма (f) для выкатки *или* для опусканія осей
fossa (f) monta-assi
foso (m) para montar los ejes

Anheizraum (m)
cleaning shed
salle (f) d'allumage

сарай (m) для растопки; стойло (n) для разводки паровъ
sala (f) di accensione, scaldatoio (m)
sala (f) de encender

Anheizen (n) [*oder* Anbrennen (n)] der Lokomotive
lighting the fires, lighting up
mise (f) à feu de la locomotive, allumage (m) de la locomotive

растопка (f) паровоза; разводка (f) паровъ паровоза
accendere(m) della locomotiva, accensione (f) della locomotiva
encendido (m) de la locomotora

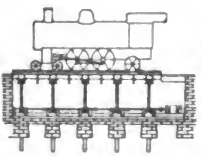
Anheizstand (m)
cleaning pit, steaming stand in running sheds
poste (m) d'allumage

мѣсто (n) растопки паровозовъ
posto (m) di accensione
puesto (m) de encendido

Wiegestand (m), Wägestand (m)
weigh bridge
stationnement (m) pour réglage sur la bascule

вѣсовой помостъ (m)
posto (m) dell'apparecchio pesatore
estacionamiento (m) para la nivelación sobre la báscula

Lokomotivwage (f)
locomotive weighing machine
bascule (f) de locomotive



паровозные вѣсы (m pl); вѣсы для паровозовъ
pesa (f) per locomotive
báscula (f) para locomotoras

Wagekanal (m)
passage of the weighing machine
canal (m) de bascule

яма (f) вѣсового помоста
canale (m) della pesa
canal (f) para báscula

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1 Raddruckwage (f)
weighing machine for determining pressure of the wheels
bascule (f) de réglage

весы (m pl) для опредѣленія давленія колеса
pesa (f) di collaudo per la pressione delle ruote
báscula (f) de nivelación

2 die Lokomotive putzen (v) *oder* reinigen (v)
to clean the locomotive
nettoyer (v) la locomotive

чистить паровозъ
pulire (v) la locomotiva, nettare (v) la locomotiva
limpiar (v) la locomotora

3 Kesselausbesserung (f)
repair of boiler
réparation (f) *ou* réfection (f) des chaudières

ремонтъ (m) котла
riparazione (f) delle caldaie
reparación (f) de las calderas

4 Auswaschung (f) des Kessels
washing out of the boiler
lavage (m) intérieur de la chaudière

промывка (f) котла
lavaggio (m) della caldaia
lavado (m) interior de la caldera

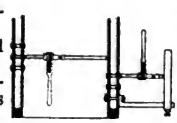
5 Ausspritzen (n) des Kessels
flushing out the boiler
lavage (m) intérieur de la chaudière à la lance

промывка (f) котла струёй воды
lavaggio (m) interno della caldaia mediante spruzzatura
limpieza (f) interior de la caldera con la manguera

6 den Kessel füllen (v)
to fill the boiler
remplir (v) la chaudière

наполнять водой котёлъ; наливать котёлъ
caricare (v) la caldaia
llenar (v) la caldera

7 Ausbohrung (f) schadhafter Stehbolzen
drilling out of damaged stays
[enlèvement (m) par] forage (m) d'entretoises endommagées



высверливаніе (n) поврежденныхъ распорныхъ болтовъ *или* связей
estrazione (f) mediante foratura dei tiranti guasti
extracción (f) por taladro de los virotillos estropeados

8 unter Wasserdruck prüfen (v)
hydraulic testing
épreuve (f) à la pression hydraulique

испытывать гидравлическимъ давленіемъ
collaudare (v) sotto pressione idraulica
prueba (f) con la presión hidráulica

9 Kesselwagen (m)
boiler truck
wagon (m) pour le transport des chaudières

вагонетка (f) *или* телѣжка (f) для перевозки котловъ
carro (m) per caldaie
vagón (m) para calderas

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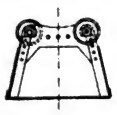
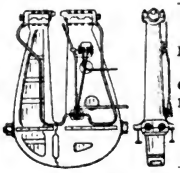
Kesselrollbock (m)
boiler cradle
chevalet (m) à chaudières, tréteau (m) à galets pour chaudières



опора (f) съ катками для котловъ; козлы (m pl) съ роликами для котловъ
cavalletto (m) girevole per caldaia
truck (m) para calderas

1

Nietmaschine (f)
riveting machine, riveter
riveuse (f)



клепалка (f); клепальная машина (f)
chiodatrice (f)
máquina (f) de remachar, remachadora (f)

2

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versetzbares Nietfeuer (n)
portable rivet forge *or* rivet hearth
four (m) à rivets transportable

переносный заклёпочный горнъ (m); револьверный горнъ
fucina (f) trasportabile per ribadire
hornillo (m) móvil para remaches

3

---

die Feuerkiste vorschuhen (v)
re-ending the fire-box
remplacer (v) les tôles de la boite à feu

сростить огневую коробку изъ отдѣльныхъ листовъ
rattoppare (v) la lamiera della cassa di fumo
reemplazar (v) las chapas de la caja de fuego

4

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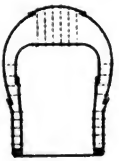
vorgeschuhte Feuerkiste (f)
re-ended fire-box
boite (f) à feu rapiécée



огневая *или* топочная коробка (f), срощённая изъ отдѣльныхъ листовъ
cassa (f) di fumo rappezzata *o* rattoppata
caja (f) de fuego remendada

5

---

den Kessel ablassen (v)
to drain the boiler
vider (v) la chaudière

опорожнить котёлъ; спустить воду изъ котла
scaricare (v) la locomotiva, purgare (v) la caldaia
vaciar (v) la caldera

6

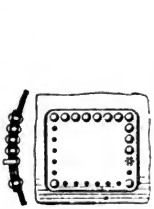
---

den Kessel ausklopfen (v)
to loosen the furr *or* scale in boiler by hammering on the outside
battre (v) la chaudière (pour le nettoyage)

выстукивать котёлъ для очистки; очистить котёлъ отъ накипи выстукиваніемъ
martellare (v) la caldaia
golpear (v) la caldera para la limpieza

7

Kesselflicken (m)
boiler-patching
rapiéçage (m) des tôles de la chaudière



заплата (f) на котлѣ
conciatura (f) delle caldaie
remendado (m) de la caldera

8

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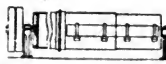
Winkelflicken (m)
angle patching
1 rapiéçage (m) des tôles d'angle

заплата (f) изъ уголка
il bordagliere (m) le caldaie, racconciatura (f) delle lamiere d'angolo
remendado (m) de las chapas en los ángulos

das Heizrohr ausstoßen (v) *oder* durchstoßen (v)
2 to clear *or* sweep the tubes
ramoner (v) les tubes à fumée

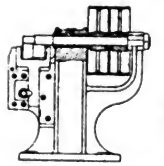
пробивать дымогарныя трубы
ripassare (v) il tubo di fumo *o* tubo bollitore
deshollinar (v) los tubos de humo

Heizrohrscheuertrommel (f)
fire tube cleaner *or*
3 tambling-drum
tambour (m) à nettoyer *ou* décaper les tubes de fumée



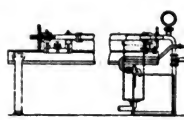
барабанъ (m) для очистки дымогарныхъ трубъ; трубоочистительный барабанъ
tamburo (m) per pulire i tubi del fumo, tamburlano (m)
tambor (m) para limpiar los tubos de humo

Heizrohraufweitemaschine (f)
dudgeon tube expander
4 dudgeon (m), appareil (m) à mandriner les tubes de fumée



приборъ (m) для раздачи *или* для расширенія концовъ дымогарныхъ трубъ; станокъ (m) для раскатки концовъ дымогарныхъ трубъ
allargatoio (m) per tubi del fumo
máquina (f) para mandrilar los tubos de humo

Heizrohrprüfvorrichtung (f)
appliance for testing
5 fire tubes
bane (m) à essayer les tubes de fumée



приборъ (m) *или* станокъ (m) для испытанія дымогарныхъ трубъ
apparecchio (m) per la prova dei tubi bollitori
aparato (m) para probar los tubos de humo

Heizrohrschweißmaschine (f)
6 tube-welding machine
appareil (m) pour souder les tubes à fumée

станокъ (m) для сварки *или* свариванія дымогарныхъ трубъ
meccanismo (m) per saldare i tubi a fumo
aparato (m) para soldar los tubos de humo

Rohrbiegemaschine (f)
pipe-bending machine
7 appareil (m) pour courber les tubes

машина (f) *или* станокъ (m) для сгибанія трубъ
meccanismo (m) per la torsione dei tubi
aparato (m) para encorvar los tubos

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das Heizrohr einziehen (v)
to mount *or* insert the fire tube
sertir (v) *ou* monter (v) le tube de fumée, tuber (v) la chaudière

поставить трубу; вста-в-ить (-лять) дымогарную трубу
montare (v) il tubo bollitore *1*
montar (v) el tubo de humo

---

das Heizrohr ausziehen (v)
to take out the fire-tube
sortir (v) *ou* retirer (v) les tubes, détuber (v) la chaudière

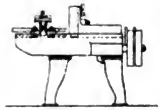
вынимать дымогарную трубу
estrarre (v) i tubi bollitori *2*
sacar (v) los tubos

---

das Heizrohr stauchen (v)
to expand the tube
mater (v) les tubes, river (v) les tubes

раздать концы дымогарной трубы
ricalcare (v) *o* conficcare (v) i tubi da fumo *o* bollitori *3*
remachar (v) los tubos

Heizrohreinstauchmaschine (f)
tube expanding machine
machine (f) à mater *ou* river les tubes



станокъ (m) для сужения концовъ дымогарныхъ трубъ
macchina (f) per conficcare *o* ricalcare i tubi bollitori nella parete della caldaia *4*
aparato (m) para remachar los tubos

---

die Rohre zukeilen (v)
to ferrule the tubes
tamponner (v) les tubes

заби-ть (-вать) трубы
calettare (v) *o* mandrinare (v) i tubi bollitori *5*
taponar (v) los tubos

Rohrabschneider (m)
tube cutter
coupe-tubes (m)

трубор̀ѣзъ (m)
tagliatubi (m)
corta-tubos (m) *6*

Rohrwalze (f)
dudgeon tube expander
dudgeon (m), mandrin (m)

вальцовка (f) *или* раскатка (f) *или* развальцовка (f) для трубъ; трубораспиритель (f)
mandrino (m) per tubi, allargatubi (m) *7*
aparato (m) para cilindrar los tubos

Rohrwalz- und Abschneide-Vorrichtung (f)
dudgeon tube expander and cutter
mandrin (m) à couper les tubes

приборъ (m) для [раз]-вальцовки и обр̀ѣзки дымогарныхъ трубъ; комбинированные трубораспиритель (m) и трубор̀ѣзъ (m)
mandrino-tagliatubi (m) *8*
aparato (m) para cilindrar y cortar los tubos

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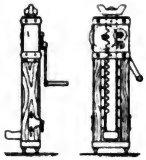
1 Wagenwinde (f)
carriage jack, lifting jack for carriage
cric (m) à voitures

вагонный домкратъ (m)
verricello (m) per vetture
cric (m) para coches, gato (m) para coches



2 Zahnstangenwinde (f)
rack and pinion-jack, rack-jack
cric (m) à crémaillère

домкратъ (m) съ зубчатой рейкой; зубчатый домкратъ
verricello (m) *o* binda (f) a dentiera
gato (m) de cremallera, cric (m) de cremallera

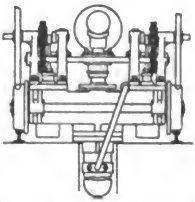
3 Schraubenwagenwinde (f) ohne Seitenverschiebung
screw-jack, jack without lateral movement *or* traverse
vérin (m) pour wagon sans chariot

вагонный винтовой домкратъ (m) безъ бокового *или* безъ поперечнаго перемѣщенія
verricello (m) senza carrello *o* binda (f) a vite non spostabile
gato (m) para vagón sin carrillo

4 Schraubenwagenwinde (f) mit Seitenverschiebung, Schlittenwinde (f)
traversing screw jack with slide
vérin (m) pour wagon à chariot

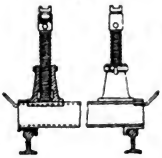
вагонный винтовой домкратъ (m) съ боковымъ *или* съ поперечнымъ перемѣщеніемъ
verricello (m) con carrello, binda (f) a carrello spostabile
gato (m) para vagón con carrillo, gato (m) corredizo

5 Wasserdruckwinde (f)
hydraulic jack
vérin (m) hydraulique



гидравлическій домкратъ (m)
verricello (m) idraulico, binda (f) idraulica
gato (m) hidráulico

6 Schraubenstütze (f)
screw jack
vérin (m) à vis



винтовой домкратъ (m); винтовая подставка (f) *или* опора (f)
sopporto (m) a vite
gato (m)

7 Druckluftwinde (f)
compressed air jack, pneumatic jack
vérin (m) pneumatique *ou* à air comprimé

домкратъ (m), дѣйствующій сжатымъ воздухомъ; воздушный домкратъ
verricello (m) ad aria compressa
gato (m) neumático *ó* de aire comprimido

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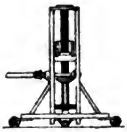
Hebebock (m)
wagon hoisting jack
chèvre (f)



подъёмный домкратъ (m); подъёмные ко́злы (m pl) 1
capra (f)
cabria (f)

Wagenhebewerk (n)
wagon hoisting *or* lifting device
appareil (m) à vérins pour soulever les wagons

устройство (n) для подъёма вагоновъ
apparecchio (m) di sollevamento per vagoni 2
disposición (f) con gatos para levantar los vagones

die Fahrzeuge einbringen (v)
to bring in the vehicles
amener (v) les véhicules

поставить вагоны въ ремонтъ
introdurre (v) i veicoli 3
introducir (v) los vagones

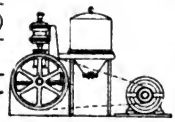
die Fahrzeuge ausbringen (v)
to bring out the vehicles
sortir (v) les véhicules

выпустить вагоны изъ ремонта
far uscire (v) i veicoli 4
sacar (v) los vagones

Wagenuntersuchungshalle (f)
carriage inspection shed
halle (f) de visite des voitures

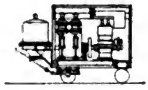
сарай (m) для осмотра *или* для освидѣтельствованія вагоновъ
tettoia (f) di visita delle vetture, sala (f) per l'ispezione delle vetture 5
patio (m) para revisar los vagones

Entstäubungsanlage (f)
dust exhausting installation *or* plant
installation (f) pour l'enlèvement de la poussiére



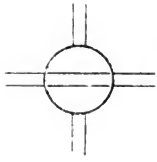
пылесосное устройство (n)
apparecchio-spolveratore (m) 6
installación (f) para barrer el polvo

fahrbare Entstäubungsanlage (f)
portable vacuum cleaner *or* dust exhauster
appareil (m) transportable pour l'enlèvement de la poussiére



передвижная пылесосная установка (f)
impianto (m) mobile spolverizzatore 7
instalación (f) móvil de despolvoreamiento

Drehscheibe (f)
turntable
plaque (f) tournante



поворотный кругъ (m)
piattaforma (f) girevole 8
placa (f) giratoria

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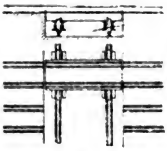
1 Schiebebühne (f)
traverser, travelling platform, transfer table (A)
transbordeur (m), chariot (m) transbordeur, pont (m) roulant



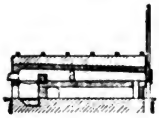
передвижная телѣжка (f)
carrello (m) trasbordatore, carro (m) di servizio
transbordador (m)

2 Schmiedefeuer (n)
forge fire, hearth
feu (m) de forge

a

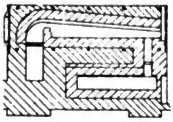
кузнечный горнъ (m)
fuoco (m) di fucina
fuego (m) de fragua

3 Glühofen (m)
annealing furnace
four (m) à réchauffer *ou* à recuire



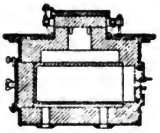
калильная *или* отжигательная печь (f); горнъ (m)
forno (m) a ricuocere *od* a riverbero
horno (m) para recocer

4 Federglühofen (m)
spring annealing furnace
four (m) à recuire les ressorts



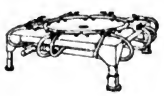
печь (f) для нагрѣва рессоръ; рессорная печь
forno (m) per la ricottura delle molle
horno (m) para recocer los muelles

5 Härteofen (m)
hardening furnace
four (m) à tremper



цементовальная *или* закалочная печь (f); печь для закалки
forno (m) a temperare
horno (m) para templar

6 Radreifenfeuer (n), Bandagenfeuer (n)
tyre heating *or* bandage fire *or* furnace
foyer (m) à bandager *ou* débandager



горнъ (m) для нагрѣва бандажей
fornello (m) per cerchioni
hornillo (m) para bandajes

7 Abziehen (n) des Radreifens
pressing off the tyre
enlèvement (m) *ou* désembatage (m) du bandage

снятие (n) бандажа
smontatura (f) dei cerchioni
desmontado (m) *ó* desmontaje (m) del aro

8 Aufziehen (n) des Radreifens
pressing on the tyre
montage (m) *ou* embatage (m) du bandage

насадка (f) бандажа
montatura (f) dei cerchioni
montaje (m) *ó* colocación (f) del aro

9 Blasebalg (m)
bellows
soufflet (m)

мѣха (m pl)
mantice (m), soffietto (m)
fuelle (m)

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Dampfhammer (m)
steam hammer
marteau-pilon (m) à vapeur

паровой молотъ (m)
maglio (m) a vapore
martillo (m) de vapor, martillo-pilón (m) de vapor *1*

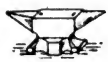
Reibungshammer (m)
friction hammer, trip hammer
marteau-pilon (m) à commande par friction

фрикціонный молотъ (m)
maglio (m) a frizione
martillo-pilón (m) de fricción *2*

Luftdruckhammer (m)
pneumatic hammer
marteau-pilon (m) pneumatique

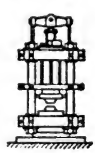
пневматическій *или* воздушный молотъ (m); молотъ, дѣйствующій сжатымъ воздухомъ
maglio (m) pneumatico
martillo-pilón (m) neumático *3*

Amboß (m)
anvil
enclume (f)



наковальня (f)
incudine (f)
yunque (m) *4*

Schmiedepresse (f)
forging press
presse (f) à forger



кузнечный *или* ковочный прессъ (m)
pressa (f) a forgiare *o* per fucina
prensa (f) para forjar *5*

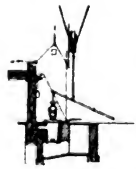
Biegemaschine (f)
bending machine
machine (f) à cintrer

прессъ (m) *или* станокъ (m) для сгибанія; параллельные тиски (m pl); загибочная *или* выгибная машина (f); зикмашина (f)
macchina (f) per piegare *o* per curvare
máquina (f) para curvar *6*

Kupolofen (m)
cupola
cubilot (m), four (m) à coupole

вагранка (f)
cubilotto (m), forno (m) a cupola
horno (m) de manga, cubilote (m) *7*

Tiegelofen (m)
crucible furnace
four (m) à creusets



тигельная печь (f); тигельный горнъ (m)
forno (m) a crogiuolo
horno (m) de crisoles *8*

Lötofen (m)
soldering furnace
four (m) à souder

паяльная печь (f)
forno (m) per saldare
horno (m) para soldar *9*

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1 Schraubstock (m) / vice / étau (m) — тиски (m pl) / morsa (f) a vite / tornillo (m) de banco

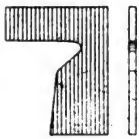
2 Werkbank (f) / bench, vice bench, work bench / établi (m) — столярный верстакъ (m) / banco (m) da aggiustatori / banco (m) de taller

3 fahrbare Werkbank (f) / transportable work bench / banc (m) [d'atelier] portatif — переносный *или* передвижный верстакъ (m) / pancone (m) d'officina carreggiabile / banco (m) portátil

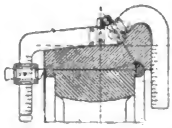
4 Lehre (f), Schablone (f) / gauge, template / gabari[t] (m), jauge (f) — калибръ (m); шаблонъ (m); мѣрка (f) / calibro (m), sagoma (f) / calibre (m), patrón (m)

5 Rundeisenkaliber (n) / limit *or* gauge *or* gage (A) for round iron / calibre (m) d'alésage — калибръ (m) для круглаго желѣза / calibro (m) del ferro tondo / calibre (m) para agujeros ó tubos

6 Dezimallehre (f) / decimal gauge *or* gage (A) / calibre (m) décimal — десятичный калибръ (m) / sagoma (m) decimale / calibre (m) decimal



7 Radreifenlehre (f), Bandagenmaß (n) / tyre flange and tread gauge *or* gage (A) / calibre (m) pour bandage — калибръ (m) для бандажа / sagoma (m) per cerchioni / calibre (m) para bandajes ó aros



8 Werkzeug (n) zum Messen von Radreifenstärken / apparatus *or* device for measuring *or* testing tyre thickness / calibre (m) d'épaisseur des bandages — приборъ (m) для измѣренія толщины бандажа / apparecchio (m) di misurazione dello spessore dei cerchioni / calibre (m) de espesor de los bandajes ó aros

9 Richtplatte (f) / surface plate / marbre (m) à dresser — правильная плита (f); доска (f) для выправки / piano (m) per raddrizzare, marmo (m) / mármol (m) de enderezar

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Hobelbank (f)
joiner's bench, carpenter's bench
établi (m) de menuisier

столярный верстакъ (m)
banco (m) per piallare
banco (m) de cepillar
1

Werkzeugmaschine (f)
machine tool
machine-outil (f)

станокъ (m); машина (f) орудiе (n)
macchina (f) utensile
máquina-herramienta (f)
2

Drehbank (f)
lathe
tour (m)

токарный станокъ (m)
tornio (m)
torno (m)
3

Achsschenkeldrehbank (f)
axle-journal turning lathe
tour (m) pour les corps d'essieu

станокъ (m) для обточки шеекъ оси
pancone (m) da tornitore per assi
torno (m) para los cuerpos de ejes
4

Stehbolzendrehbank (f)
stay-bolt turning lathe
tour (m) à boulons

токарный станокъ (m) для распорныхъ болтовъ
pancone (m) da tornitore per tirantini
torno (m) para pernos
5

Räderdrehbank (f)
wheel-turning lathe
tour (m) à roues, tour (m) à bandager

токарный станокъ (m) для колёсъ; колёсный станокъ
pancone (m) da tornitore per ruote
torno (m) para ruedas, torno (m) para aros
6

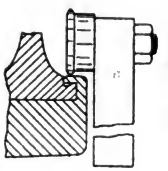
Nachdrehen (n) des Radreifens
re-turning of tyre
rafraîchissage (m) du bandage au tour

обточка (f) бандажа
ritornitura (f) del cerchione
repaso (m) del aro en el torno
7

Maschine (f) zum Einwalzen der Sprengringe
machine for expanding-in retaining-ring
appareil (m) à agrafer les cercles de fixation de bandages

машина (f) для вальцовки крѣпительнаго кольца; вальцовочная машина для крѣпительныхъ колецъ
macchina (f) per inlaminare gli anelli d'espansione
aparato (m) para remachar los cercos de fijación de los aros
8

Einwalzwerkzeug (n)
rolling-in tool
outil (m) à rabattre par laminage



прокатный приборъ (m)
utensile (m) da laminatoio
herramienta (f) laminadora
9

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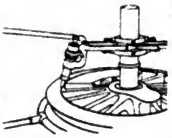
1 Niederhämmern (n) der Radreifenkante
hammering-over the tyre lip
agrafage (m) des talons de bandages



расколачиваніе (n) края бандажа
ribattere (m) il bordino del cerchione
remachado (m) ó rebatido (m) de los talones ó bordes de fijación de los aros

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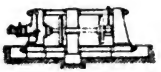
2 Räderpresse (f)
wheel press
presse (f) à caler les roues



прессъ (m) для насадки колёсъ
torchio (m) per ruote
prensa (f) para ruedas

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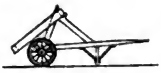
3 Radreifenkarren (m)
tyre trolley
brouette (f) *ou* diable (m) pour le transport des bandages



телѣжка (f) для подачи бандажей
carriuola (f) pei cerchioni
carretilla (f) para el transporte de los aros

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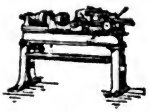
4 Gewindeschneidmaschine (f)
screwing *or* screw cutting machine
machine (f) à fileter, taraudeuse (f)



станокъ (m) для нарѣзки рѣзьбы; винторѣзный (болторѣзный) станокъ
macchina (f) per filettare, filettatrice (f)
máquina (f) de roscar

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5 Bohrmaschine (f)
drilling machine
machine (f) à percer *ou* à forer, perceuse (f)

сверлильный станокъ (m)
trapano (m)
taladradora (f)

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6 Achslagerbohrbank (f)
axle-box chuck lathe
perceuse (f) pour les moyeux de roue

сверлильный станокъ (m) для буксъ
pancone (m) per trapanare i cuscinetti d'assi
taladradora (f) para los cubos de ruedas

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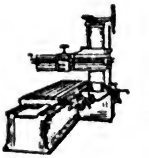
7 Hobelmaschine (f)
planing machine, planer, shaping machine
machine (f) à raboter, raboteuse (f)



строгальный станокъ (m)
piallatrice (f)
máquina (f) de cepillar

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8 Schienenzungenhobelmaschine (f)
switch- *or* point-planing machine
raboteuse (f) pour pointes d'aiguille

строгальный станокъ (m) для рельсовыхъ остряковъ
macchina (f) per piallare gli aghi delle rotaie
máquina (f) para acepillar las puntas de agujas

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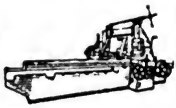
Fräsmaschine (f)
milling machine, miller
fraiseuse (f), machine (f) à fraiser



фрезерный *или* шарошечный станокъ (m)
fresatrice (f), limatrice (f) *1*
máquina (f) de fresar

Stoßmaschine (f)
slotting machine, slotter
mortaiseuse (f), machine (f) à mortaiser

долбёжный станокъ (m)
piallone (m) a percussione verticale *2*
máquina (f) de hacer mortajas

Schleifmaschine (f)
grinding machine, grinder
meuleuse (f), machine (f) à meuler, machine (f) à dresser *ou* à rectifier

шлифовальный станокъ (m)
affilatrice (f), arrotatrice (f), ruota (f) a smeriglio *3*
máquina (f) de afilar

Kulissenschleifmaschine (f)
motion link grinding machine *or* grinder
machine (f) à planer les coulisses

шлифовальный станокъ (m) для кулиссъ
macchina (f) per smerigliare i settori *4*
máquina (f) para planar las correderas

Räderschleifmaschine (f)
wheel grinder
machine (f) à planer les roues

шлифовальный станокъ (m) для колёсъ
macchina (f) per spianare le faccie delle ruote *5*
máquina (f) de planar las ruedas

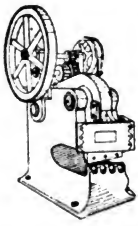
Werkzeugschleifmaschine (f)
tool grinding machine
machine (f) à affûter les outils, affûteuse (f) à outils

станокъ (m) для затачиванія инструментовъ
macchina (f) per affilare gli utensili *6*
máquina (f) para afilar herramientas

Blechspannmaschine (f)
plate straightening *or* plate dressing machine
machine (f) à planer *ou* à dresser les tôles, planeuse (f) à tôles, cylindres (m pl) à dresser les tôles

листовыпрямляющій *или* листоправильный станокъ (m); станокъ для правки листовъ *7*
macchina (f) per raddrizzare le lamiere
máquina (f) para enderezar chapas

Blechschere (f)
plate shears, shears
cisaille (f) à tôles



ножницы (f pl) для листовъ; ножницы для жести
cesoia (f) meccanica per lamiere *8*
tijeras (f pl) para chapas

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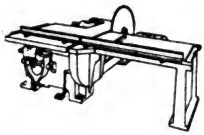
1 Kreissäge (f)
circular saw
scie (f) circulaire

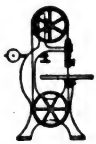
круглая пила (f)
sega (f) circolare
sierra (f) circular

2 Ablängsäge (f)
cut off saw
scie (f) à tronçonner



обрѣзная пила (f)
sega (f) a scortecciare
sierra (f) de cortar

3 Bandsäge (f)
band saw, endless saw
scie (f) à ruban



ленточная пила (f)
sega (f) a nastro
sierra (f) de cinta, sierra (f) sin fin

4 Holzbearbeitungsmaschine (f)
wood working machine
machine (f) à [travailler le] bois

деревообдѣлочный станокъ (m); машина (f) для обработки дерева
macchina (f) per lavorare il legno
máquina (f) para trabajar la madera

5 mechanischer Antrieb (m)
mechanical drive
commande (f) mécanique

механическая передача (f) работы
comando (m) meccanico
accionamiento (m) mecánico

6 Wellenleitung (f)
transmission by means of shafting
transmission (f) par arbres

трансмиссія (f)
trasmissione (f) per alberi
transmisión (f) por árboles

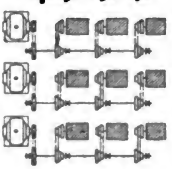
7 elektrischer Antrieb (m)
electric drive
commande (f) électrique

электрическая передача (f) работы
comando (m) elettrico
accionamiento (m) eléctrico

8 Gesamtantrieb (m)
general drive
commande (f) générale

общій способъ (m) передачи работы; приводъ (m) отъ одного общаго двигателя
comando (m) generale
accionamiento (m) general

9 Gruppenantrieb (m)
group drive
commande (f) par groupes



групповый способъ (m) передачи работы; приводъ (m) по группамъ отъ нѣсколькихъ двигателей
comando (m) per gruppi
accionamiento (m) por grupos

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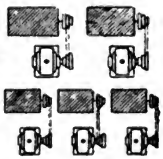
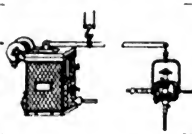


Einzelantrieb (m)
independent *or* separate *or* individual drive
commande (f) individuelle

одиночная *или* отдѣльная передача (f); приводъ (m) отъ отдѣльнаго двигателя *1*
comando (m) singolo
accionamiento (m) individual



beweglicher Maschinenantrieb (m)
portable engine drive
commande (f) flexible

передача (f) гибкимъ валомъ
comando (m) [meccanico] flessibile *2*
mando (m) flexible

Manometerprüfanstalt (f)
manometer-testing plant
laboratoire (m) d'essai des manomètres

отдѣленіе (n) для повѣрки манометровъ; повѣрочная (f) для манометровъ *3*
stabilimento (m) di collaudo dei manometri
laboratorio (m) de prueba de los manometros

Lackierstand (m)
varnishing shop
emplacement (m) pour le vernissage

стойло (n) въ малярной *4*
posto (m) per laccare
puesto (m) para barnizar

Farbmühle (f)
paint grinder
broyeur (m) à couleurs

краскотёрка (f)
macina (f) per colori, impastatrice (f) per colori *5*
molino (m) para colores

Farbstein (m)
colour stone
pierre (f) à poncer

стеклянная *или* каменная (порфировая) плита (f); растирочная плита *6*
marmo (m) per colori
piedra (f) de apomazar

Grundanstrich (m)
ground coat, priming
peinture (f) de fond, première main (f)

грунтовка (f); pittura (f) di prima mano *7*
primera mano (f) de pintura

Spachtelfarbe (f)
filling up
couleur (f) à spatule *ou* filling up

шпаклёвка (f)
colore (m) a spatola *8*
color (m) compacta

Spachtelkitt (m)
filling up putty
mastic (m) à spatule *ou* filling up

подкрышъ (m)
mastice (m) a spatola *9*
almáciga (f)

Bleimennigeanstrich (m)
red lead coating
peinture (f) au minium [de plomb]

окраска (f) сурикомъ
verniciatura (f) al minio *10*
capa (f) de minio

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1	Schlemmfarbe (f) paint, rough stuff couleur (f) délayée *ou* à délayer	краска (f) color (m) a sciogliere color (m) desleído
2	Abreiben (n) des Bleches rubbing-down of iron-sheathing décapage (m) de la tôle, mise (f) à nu de la tôle	очистка (f) желѣзныхъ листовъ raschiamento (m) della lamiera limpieza (f) de la chapa
3	Abschleifen (n) der Kastenwand flatting *or* rubbing-down of car sides poncage (m) de la paroi de la caisse	шлифовка (f) стѣнокъ кузова levigatura (f) della parete della cassa pulimento (m) de la pared de la caja
4	Glaspapier (n) glass paper papier (m) verré *ou* de verre	стеклянная бумага (f) carta (f) vetrata papel (m) de vidrio
5	Bimsstein (m) pumice stone [pierre (f)] ponce (f),	пемза (f) pietra (f) pomice piedra (f) pómez
6	Abziehen (n) mit Bimsstein rubbing-down *or* flatting with pumice stone ponçage (m)	шлифовка (f) пемзовымъ порошкомъ levigatura (f) con la pietra pomice, pomiciatura (f) apomazado (m)
7	Lackierung (f) varnishing, laquering vernissage (m), laquage (m)	лакировка (f); покрытіе (n) лакомъ laccatura (f), mesticatura (f) charolado (m)
8	Schleiflack (m) body varnish, rubbing varnish (A) vernis (m) à poncer	шлифующійся лакъ (m); лакъ, принимающій шлифовку mestico (m) per levigare laca (f) para apomazar
9	Schleiflacküberzug (m) coat of body varnish revêtement (m) *ou* couche (f) de vernis à poncer	покрытіе (n) шлифующимся лакомъ strato (m) *o* rivestimento (m) di mestico da levigare mano (m) de laca para apomazar
10	Kutschenlack (m) coach varnish vernis (m) *ou* laque (f) pour voitures	каретный лакъ (m) lacca (f) *o* mestico (m) per vetture charol (m) ó laca (f) para coches
11	Asphaltlack (m) asphalt varnish laque (f) à l'asphalte	асфальтовый лакъ (m) lacca (f) asfaltata, mestico (m) asfaltato laca (f) asfaltada
12	Lackfirnis (m) lacquer, lac-varnish vernis-laque (m)	политура (f) vernice (f) lacca barniz (m) laqueado

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Ölfarbenanstrich (m)
coat of oil paint
couche (f) de peinture à l'huile

покрытіе (n) масляной краской
pittura (f) *o* verniciatura (f) con colori ad olio
[mano (f) de] pintura (f) al óleo

Bleiweißfarbe (f)
white lead paint
couleur (f) à la céruse

свинцовыя бѣлила (n pl)
colore (m) *o* tinta (f) a base di biacca
pintura (f) de albayalde

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bleifreier Anstrich (m)
paint without white lead
peinture (f) sans céruse

окраска (f) безъ свинцовыхъ бѣлилъ
mano (f) di pittura senza piombo
[mano (f) de] pintura (f) sin cerusa

Lacklasurfarbe (f)
transparent colour, transparent paint
couleur (f) laque transparente

лазуревая краска (f); синяя эмалевая краска
colore-lacca (m) trasparente, vernice (f)
pintura (f) laca transparente

Werkstatteinrichtung (f) für elektrische Bahnen
work-shop installation for electric railways
organisation (f) des ateliers pour chemins de fer électriques

ремонтная мастерская (f) для электрическихъ желѣзныхъ дорогъ
disposizione (f) delle officine per ferrovie elettriche
organización (f) de los talleres para ferrocarriles eléctricos

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Magnetwickelbank (f)
field-coil winding lathe
banc (m) d'enroulement des électro[-aimants], bobinoir (m), bobineuse (f)

обмоточный станокъ (m) для [электро]магнитовъ; станокъ для обмотки электромагнитовъ
banco (m) di avvolgimento delle elettrocalamite
banco (m) para arrollar los electroimanes

Drahthaspel (f)
reel, wire-reel, reel of wire
dévidoir (m) à fil métallique

барабанъ (m) съ проволокой
aspo (m) per filo metallico
devanadora (f) de alambre

Ziehbank (f)
draw bench, bench for wire drawing
banc (m) à étirer

волочильный станокъ (m)
banco (m) stiratore per fili
banco (m) para estirar

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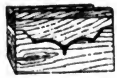
1 Stabbiegevorrichtung (f)
rod bending device
appareil (m) à cintrer les barres

приспособленіе (n) для сгибанія стержней
apparecchio (m) piegasbarre
aparato (m) para plegar las barras

2 Schablonenpresse (f)
templet shaping press
presse (f) pour enroulement sur gabarit



шаблонный прессъ (m) для катушекъ
pressa (f) per sagome
prensa (f) para moldes

3 Bandwickelmaschine (f)
taping machine, tape winding machine
rubaneuse (f), machine (f) à entourer de ruban

лентообмоточный станокъ (m)
macchina (f) piegatrice dei nastri
máquina(f) para recubrir con cinta

4 Spulenwickelmaschine (f)
coil winding machine
machine (f) à bobiner, bobineuse (f)

обмоточная машина (f) для катушекъ; машина для обмотки катушекъ
macchina (f) per avvoltare le bobine
máquina (f) para arrollar carretes ó para bobinar, bobinadora (f)

5 eine Spule wickeln (v)
to wind a coil
bobiner (v)

обматывать катушку
avvoltare (v) una bobina
arrollar (v) un carrete ó una bobina

6 Ankerausbesserungsbock (m)
armature repair stand
chevalet (m) pour réparer les induits

станокъ (m) для починки якорей
cavalletto (m) per riparazione d'indotti
caballete (m) para reparación de los inducidos

7 Ankerhebebock (m)
armature lifting stand
cric (m) à vis pour enlever les induits

домкратъ (m) для якорей; козлы (m pl) для подъёма якорей
apparecchio (m) di sollevamento per indotti
gato (m) para levantar el inducido

8 den Motoranker ausbauen (v)
to take out the armature
démonter (v) l'induit

вынуть якорь электродвигателя
togliere (v) l'indotto dal motore
desmontar (v) el inducido

9 den Motoranker einbauen (v)
to put the armature in
monter (v) l'induit

установить якорь двигателя на мѣсто; вставить якорь двигателя
introdurre (v) l'indotto del motore
montar (v) el inducido

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Ankerbeförderungskarren (m)
armature transport truck
brouette (f) pour le transport des induits

телѣжка (f) для перевозки якоря
carro (m) di trasporto per indotti 1
caretilla (f) para el transporte de los inducidos

Kommutatorschleifklotz (m)
commutator grinding block
polissoir (m) à collecteur

скользящая колодка (f) коллектора
smerigliatore (m) per collettori 2
pulidor (m) para colector

Prüfgestell (n)
test bed
banc (m) d'épreuve

испытуемая телѣжка (f)
intelaiatura (f) di prova 3
caballete (m) de pruebas

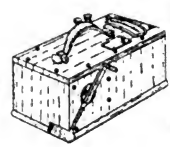
Abgleichwiderstand (m)
compensation resistance
résistance (f) compensatrice

уравнительное сопротивленіе (n)
resistenza (f) compensatrice 4
resistencia (f) de compensación

Drahtbruchmelder (m)
wire break alarm
avertisseur (m) de rupture de fil

сигнальный приборъ (m) на случай обрыва провода
avvisatore (m) di rottura di filo 5
avisador (m) de ruptura de alambre

Leitungsprüfer (m)
testing set, line tester
essayeur (m) de canalisation, galvanomètre (m) pour l'essai d'isolement

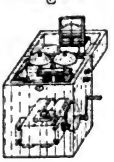


приборъ (m) для испытанія изоляціи проводовъ; линейный испытатель (m)
apparecchio (m) di prova della conduttura 6
aparato (m) para probar canalizaciones

Kurzschlußanzeiger (m)
short-circuit indicator
indicateur (m) de court-circuit

указатель (m) короткаго замыканія
indicatore (m) di corto circuito 7
indicador (m) de circuito corto

Erdschlußanzeiger (m)
earth indicator
indicateur (m) de terre



указатель (m) земляного сообщенія
indicatore (m) a terra 8
indicador (m) del contacto terrestre ó de tierra

Gummischuhe (pl)
rubber shoes
souliers (m pl) de caoutchouc

резиновыя галоши (f pl)
scarpe (f pl) di gomma 9
chanclos (m pl) de goma

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	Wohlfahrtsanlage (f) workman's benefit institution installations (f pl) pour le repos *ou* la recréation des ouvriers, institution (f) ouvrière	устройства (n pl) для улучшенія быта рабочихъ impianto (m) di benessere, ricreatorio (m) instalación (f) de beneficencia para los obreros, institución (f) obrera
2	Speisehaus (n), Kantine (f) mess room, canteen cantine (f)	столовая (f) trattoria (f), cantina (f) cantina (f)
3	Verbandraum (m) ambulance room salle (f) de secours en cas d'accident	перевязочная (f) locale (m) per fasciamenti in caso di accidenti, camera (f) chirurgica sala (f) de socorros en caso de accidente
4	Verbandkasten (m) ambulance chest *or* box boîte (f) de secours	ящикъ (m) съ перевязочными медикаментами; аптечка (f) cassetta (f) chirurgica caja (f) de socorros
5	Ankleideraum (m) dressing room vestiaire (m)	помѣщеніе (n) для храненія платья; раздѣвальная (f); гардеробная (f) vestibolo (m), spogliatoio (m) vestuario (m)
6	Waschraum (m) lavatory salle (f) des lavabos, lavoir (m)	умывальная (f); умывальня (f) lavatoio (m) lavadero (m)
7	Arbeiterwohnung (f) workman's dwelling maison (f) ouvrière	квартира (f) для рабочихъ; жильё (n) рабочихъ case (f pl) operaie casa (f) para obreros
8	Bad (n) bath bain (m)	ванная (f) bagno (m) baño (m)

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